

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115248.D
 Acq On : 27 Jun 2019 21:48
 Operator : HP/JU
 Sample : K3529-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Manual Integrations
 APPROVED

mohammad
 6/28/2019 2:58:39 PM

Quant Time: Jun 28 07:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	237987	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	911871	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	444160	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	880008	20.00	ng	0.00
76) Chrysene-d12	13.72	240	698943	20.00	ng	0.00
87) Perylene-d12	15.07	264	817044	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1494430	96.90	ng	0.01
7) Phenol-d6	6.24	99	1797618	96.03	ng	0.00
23) Nitrobenzene-d5	7.16	82	1322407	89.21	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	557662	119.06	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2396562	91.65	ng	0.00
79) Terphenyl-d14	12.68	244	2620910	79.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	225289	30.953	ng	100
3) Pyridine	2.88	79	621672	30.305	ng	99
4) n-Nitrosodimethylamine	2.79	42	271169	33.719	ng	98
6) Aniline	6.26	93	518537	20.156	ng	# 1
8) 2-Chlorophenol	6.38	128	603995	34.830	ng	99
9) Benzaldehyde	6.14	77	407595	33.376	ng	99
10) Phenol	6.25	94	1011422	46.128	ng	97
11) bis(2-Chloroethyl)ether	6.34	93	616301	38.131	ng	98
12) 1,3-Dichlorobenzene	6.54	146	725149	37.679	ng	98
13) 1,4-Dichlorobenzene	6.61	146	729777	37.814	ng	98
14) 1,2-Dichlorobenzene	6.77	146	675498	37.796	ng	98
15) Benzyl Alcohol	6.75	79	520627	38.196	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	848620	36.201	ng	98
17) 2-Methylphenol	6.87	107	488308	34.115	ng	100
18) Hexachloroethane	7.11	117	257505	37.011	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	429208	35.816	ng	99
20) 3+4-Methylphenols	7.02	107	864426	52.301	ng	# 70
22) Acetophenone	7.01	105	888093	42.542	ng	94
24) Nitrobenzene	7.18	77	674550	41.306	ng	97
25) Isophorone	7.42	82	1195259	39.361	ng	100
26) 2-Nitrophenol	7.50	139	340243	42.189	ng	97
27) 2,4-Dimethylphenol	7.55	122	543902	41.191	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	769085	40.071	ng	99
29) 2,4-Dichlorophenol	7.74	162	526715	38.653	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	622476	41.355	ng	99
31) Naphthalene	7.90	128	1886842	42.153	ng	100
32) Benzoic acid	7.64	122	49298m	5.230	ng	
33) 4-Chloroaniline	7.95	127	243367	11.897	ng	100
34) Hexachlorobutadiene	8.03	225	333054	40.377	ng	99
35) Caprolactam	8.32	113	163233	35.629	ng	99
36) 4-Chloro-3-methylphenol	8.44	107	537773	38.968	ng	97
37) 2-Methylnaphthalene	8.59	142	1294529	42.893	ng	99
38) 1-Methylnaphthalene	8.69	142	1220290	42.335	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	562478	44.815	ng	99

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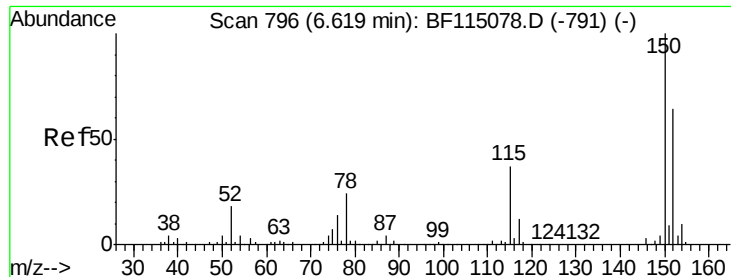
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	335101	45.026	nq	98
43) 2,4,6-Trichlorophenol	8.87	196	376664	38.872	nq	98
44) 2,4,5-Trichlorophenol	8.91	196	405597	40.646	nq	98
46) 1,1'-Biphenyl	9.05	154	1498961	42.178	nq	99
47) 2-Chloronaphthalene	9.08	162	1216295	42.192	nq	99
48) 2-Nitroaniline	9.17	65	365987	43.547	nq	98
49) Acenaphthylene	9.49	152	1907845	42.477	nq	99
50) Dimethylphthalate	9.36	163	1451890	44.430	nq	100
51) 2,6-Dinitrotoluene	9.41	165	334020	44.275	nq	99
52) Acenaphthene	9.66	154	1141682	40.622	nq	100
53) 3-Nitroaniline	9.57	138	210593	22.874	nq	97
54) 2,4-Dinitrophenol	9.68	184	42530	17.294	nq	91
55) Dibenzofuran	9.83	168	1702544	42.206	nq	99
56) 4-Nitrophenol	9.74	139	526319	71.309	nq	96
57) 2,4-Dinitrotoluene	9.81	165	440594	45.230	nq	96
58) Fluorene	10.17	166	1184394	43.945	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	327035	39.084	nq	99
60) Diethylphthalate	10.06	149	1372308	41.778	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	576282	45.180	nq	98
62) 4-Nitroaniline	10.18	138	389652	42.189	nq	96
63) Azobenzene	10.32	77	1280338	41.731	nq	98
65) 4,6-Dinitro-2-methylphenol	10.21	198	62961	17.017	nq	76
66) n-Nitrosodiphenylamine	10.28	169	1169317	42.650	nq	99
67) 4-Bromophenyl-phenylether	10.65	248	407357	42.695	nq	92
68) Hexachlorobenzene	10.72	284	448526	43.310	nq	97
69) Atrazine	10.81	200	382516	43.372	nq	98
70) Pentachlorophenol	10.91	266	311666	47.239	nq	98
71) Phenanthrene	11.12	178	1949542	41.146	nq	100
72) Anthracene	11.17	178	2016395	42.160	nq	99
73) Carbazole	11.32	167	1855116	43.437	nq	99
74) Di-n-butylphthalate	11.68	149	2096944	42.490	nq	99
75) Fluoranthene	12.30	202	2071389	43.817	nq	98
77) Benzidine	12.42	184	856727	27.604	nq	98
78) Pyrene	12.52	202	2109208	39.267	nq	98
80) Butylbenzylphthalate	13.16	149	1009935	42.605	nq	94
81) Benzo(a)anthracene	13.71	228	2045703	40.790	nq	99
82) 3,3'-Dichlorobenzidine	13.67	252	396220	21.878	nq	98
83) Chrysene	13.74	228	1905528	41.479	nq	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1317144	42.406	nq	99
85) Di-n-octyl phthalate	14.33	149	2301256	44.096	nq	100
86) Indeno(1,2,3-cd)pyrene	16.34	276	2157910	39.696	nq	99
88) Benzo(b)fluoranthene	14.71	252	2167378	42.513	nq	99
89) Benzo(k)fluoranthene	14.73	252	1848773	40.438	nq	99
90) Benzo(a)pyrene	15.02	252	1982094	43.136	nq	98
91) Dibenzo(a,h)anthracene	16.36	278	1814649	42.302	nq	97
92) Benzo(g,h,i)perylene	16.72	276	1724669	39.723	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

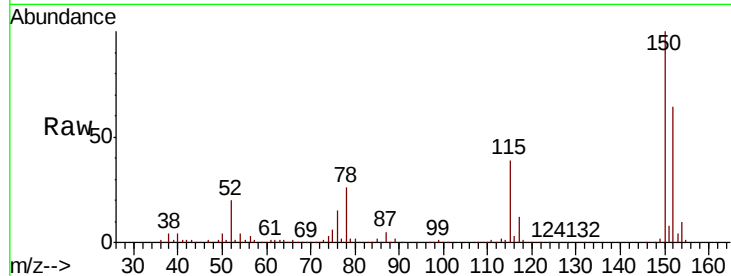
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	61.1	46.1	69.1

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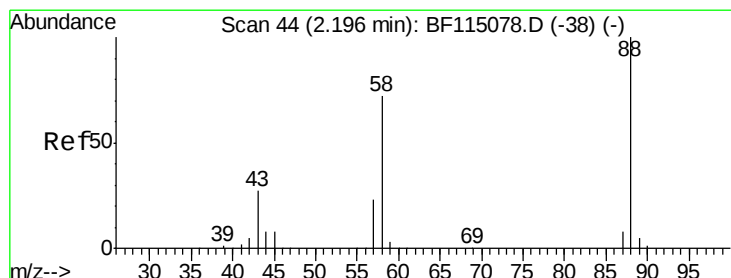
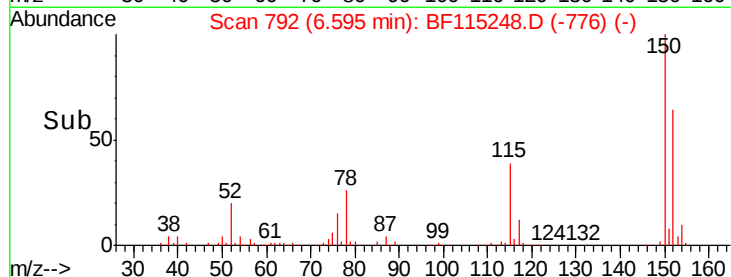
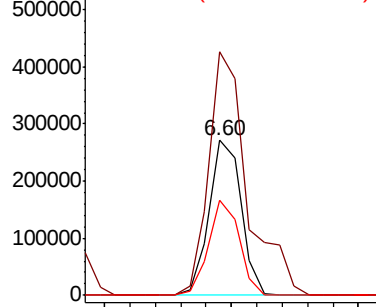


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

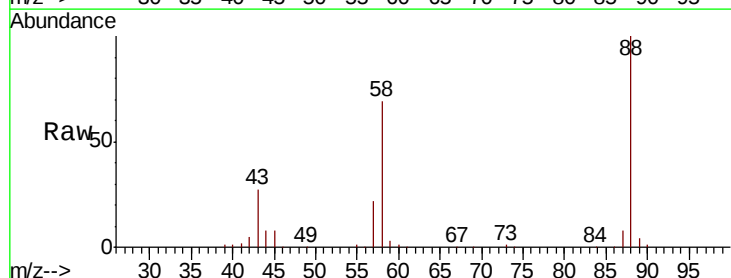
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.953 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.05 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.1	84.1
43	26.3	21.3	31.9

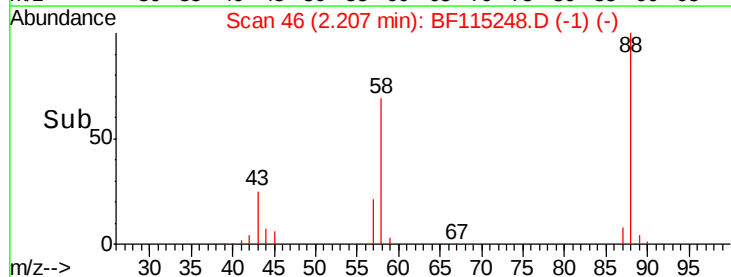
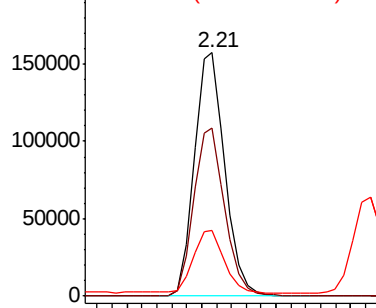


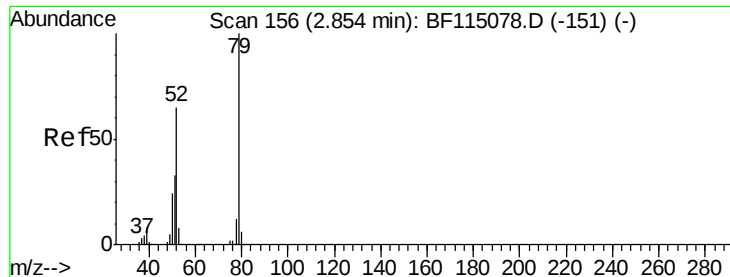
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.305 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.08 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

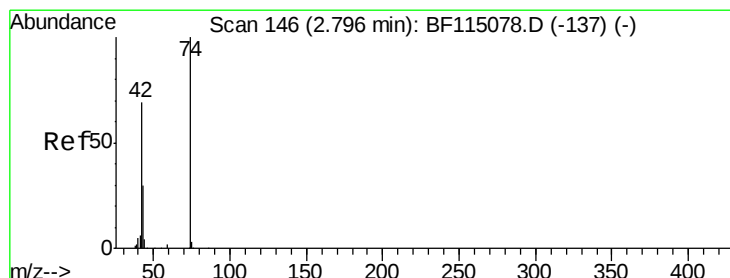
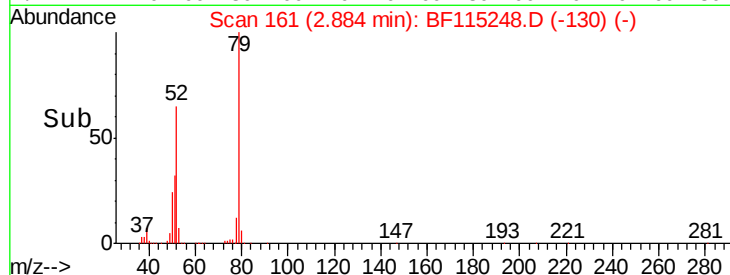
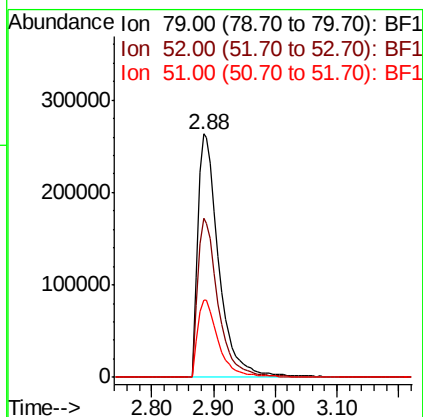
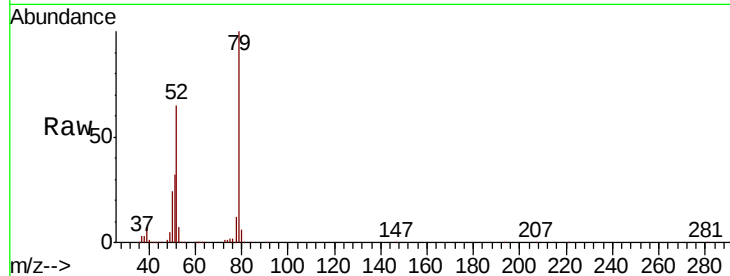
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	79	Resp:	621672
Ion	Ratio	Lower	Upper
79	100		
52	65.2	52.3	78.5
51	31.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 33.719 ng

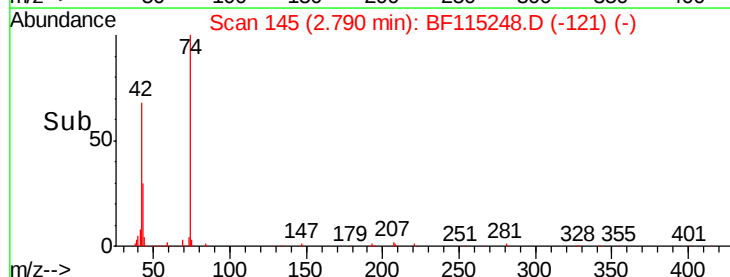
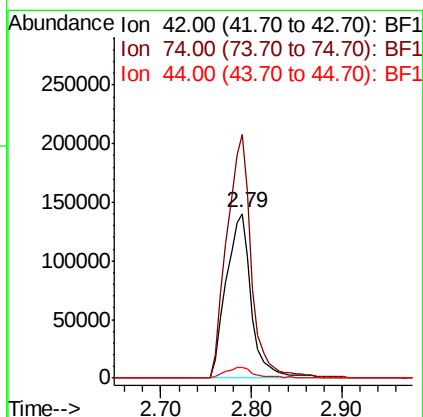
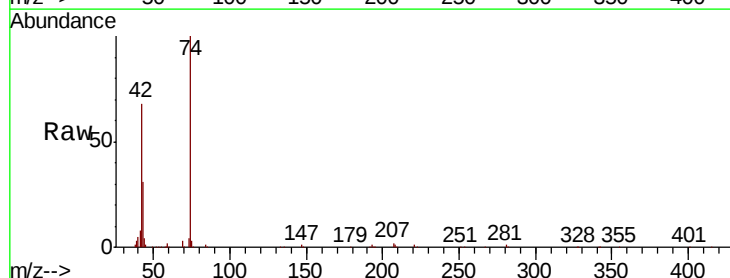
RT: 2.79 min Scan# 145

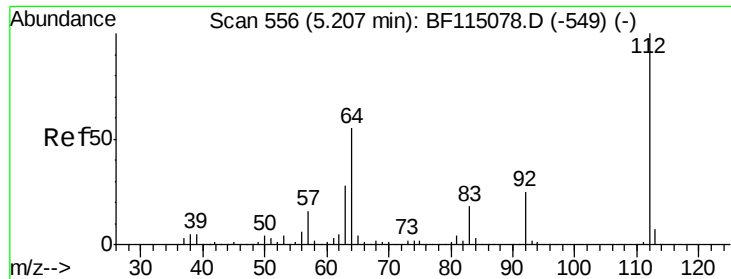
Delta R.T. 0.04 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Tgt Ion:	42	Resp:	271169
Ion	Ratio	Lower	Upper
42	100		
74	147.9	116.6	175.0
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 96.903 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 112 Resp: 1494430

Ion Ratio Lower Upper

112 100

64 54.2 43.8 65.6

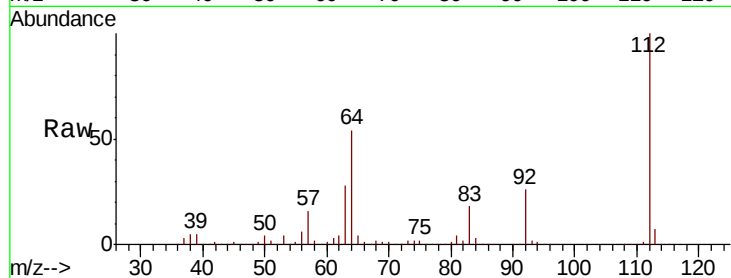
63 27.6 22.2 33.4

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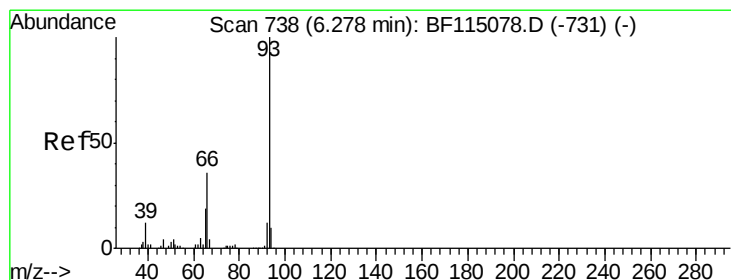
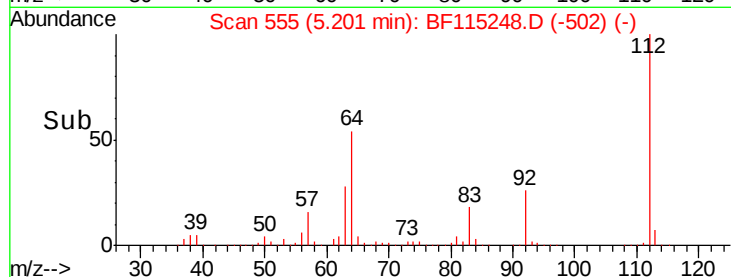
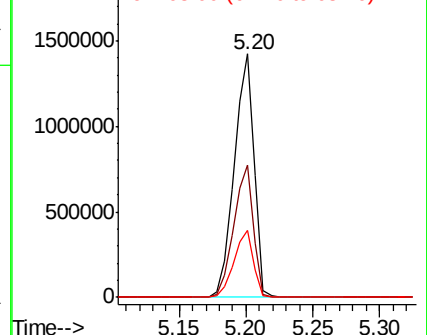
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.156 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

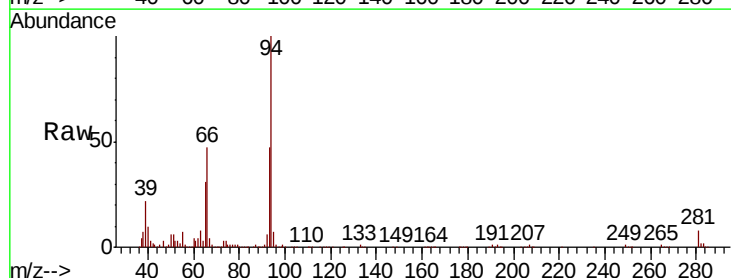
Tgt Ion: 93 Resp: 518537

Ion Ratio Lower Upper

93 100

66 100.0 30.0 45.0#

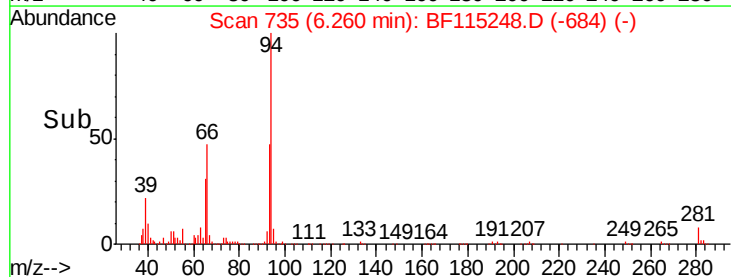
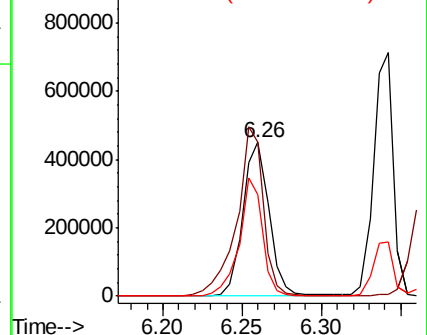
65 66.1 15.6 23.4#

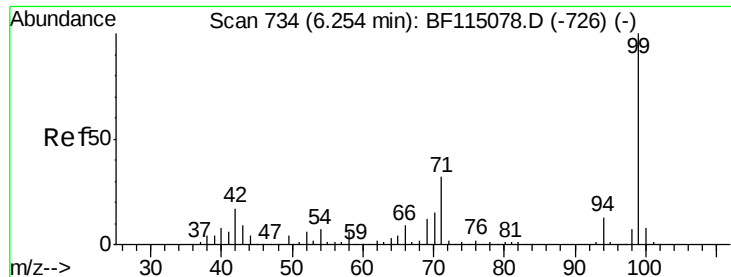


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.034 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 99 Resp: 1797618

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

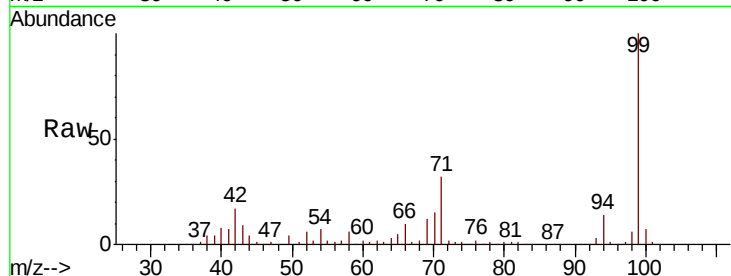
71 31.6 25.5 38.3

Manual Integrations

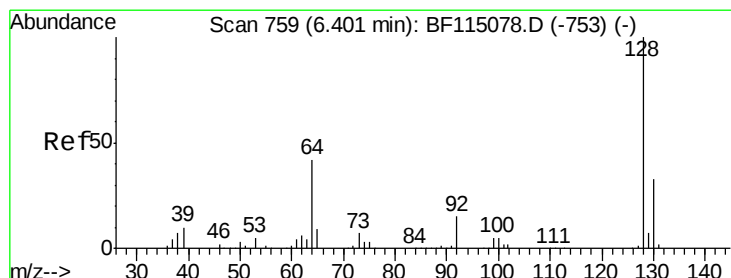
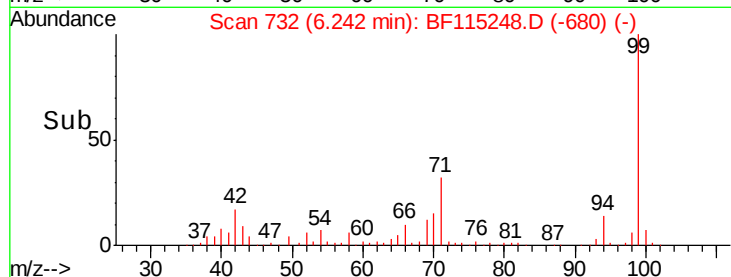
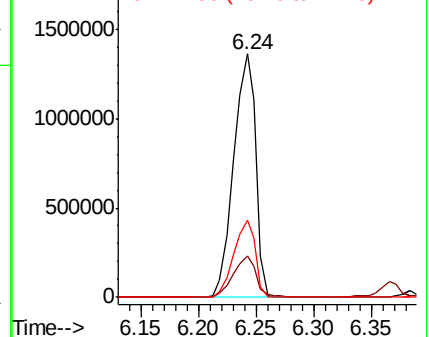
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.830 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

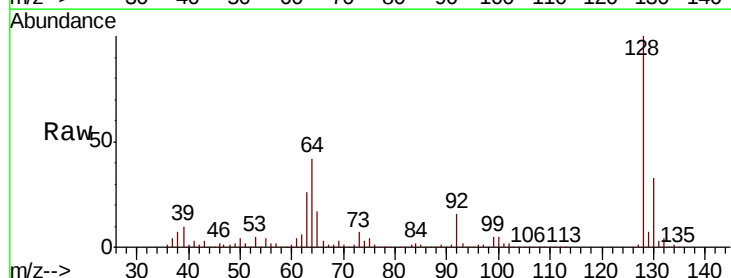
Tgt Ion: 128 Resp: 603995

Ion Ratio Lower Upper

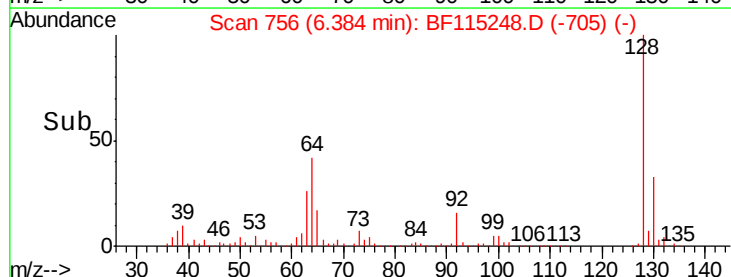
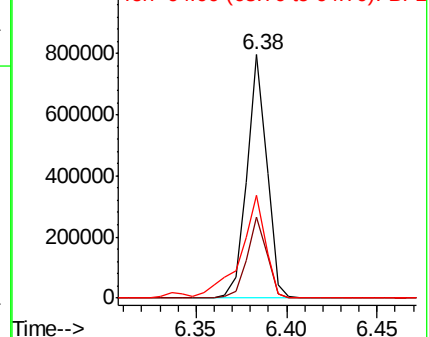
128 100

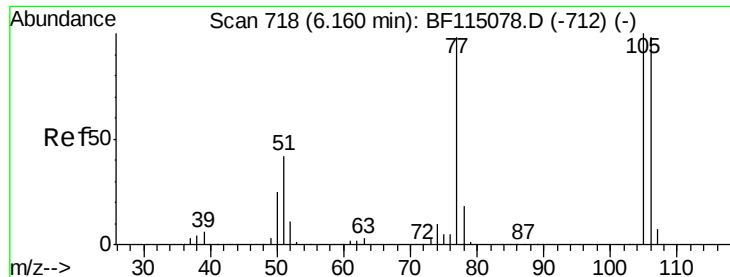
130 33.1 12.9 52.9

64 42.0 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.376 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 77 Resp: 407595

Ion Ratio Lower Upper

77 100

105 102.7 81.5 121.5

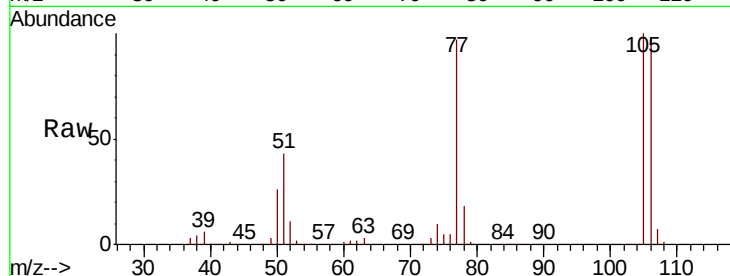
106 100.7 79.7 119.7

Manual Integrations

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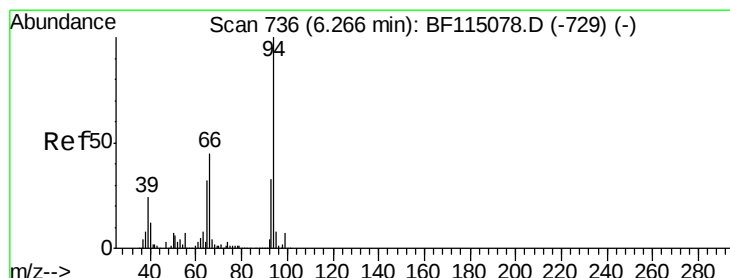
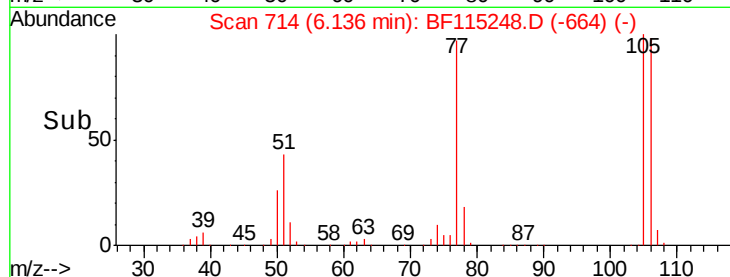
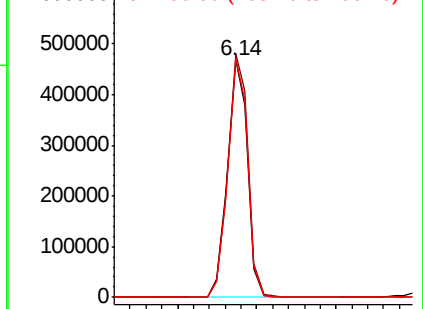
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.128 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

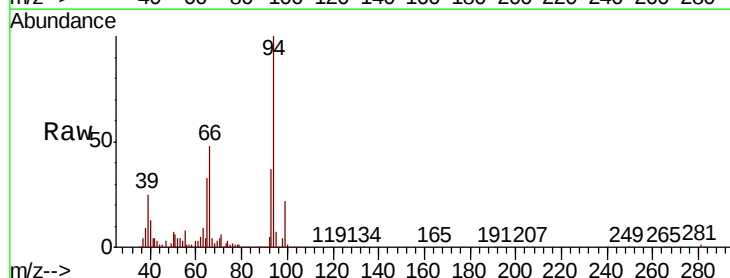
Tgt Ion: 94 Resp: 1011422

Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

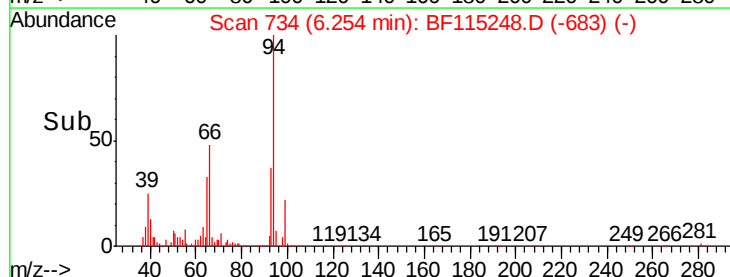
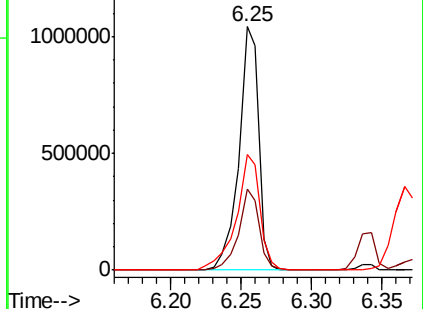
66 47.6 25.2 65.2

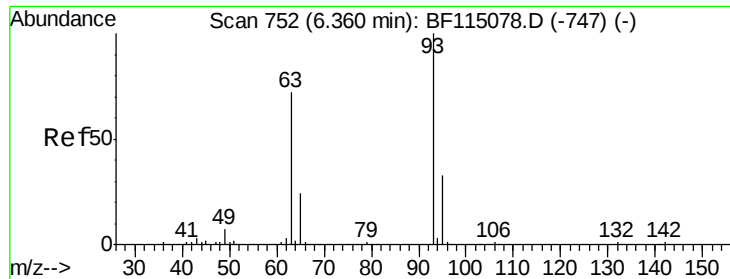


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.131 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

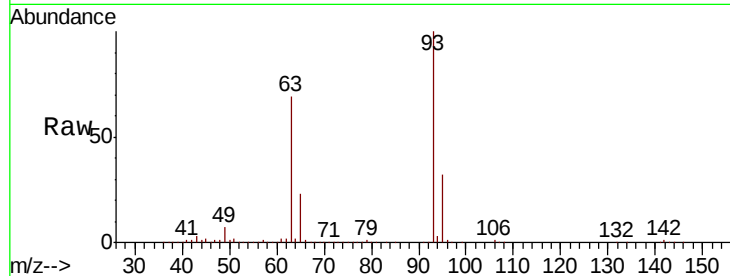
ClientSampleId :

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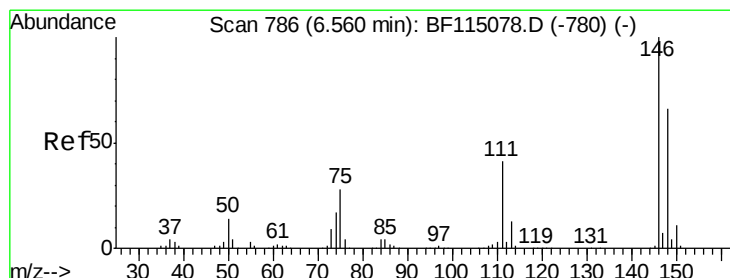
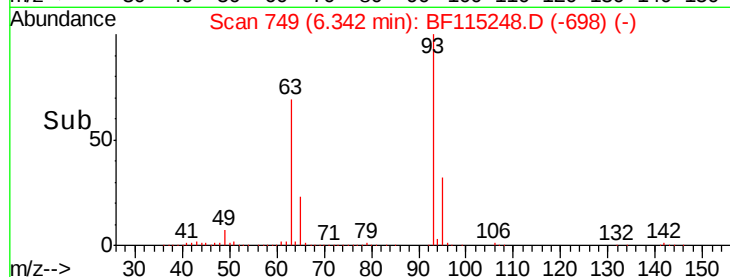
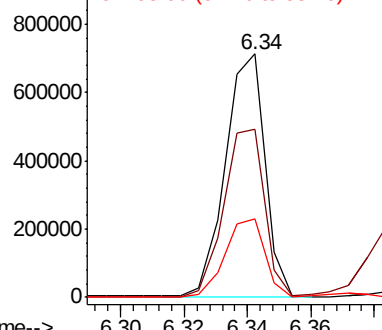
Tot Ion:	93	Resp:	616301
Ion	Ratio	Lower	Upper
93	100		
63	69.2	51.5	91.5
95	32.3	13.4	53.4

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.679 ng

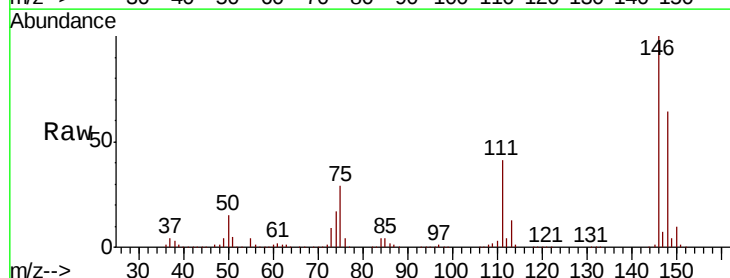
RT: 6.54 min Scan# 782

Delta R.T. 0.00 min

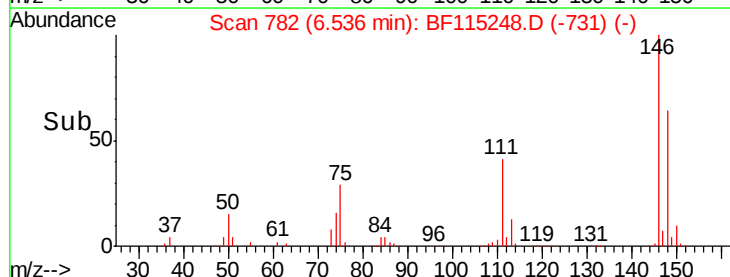
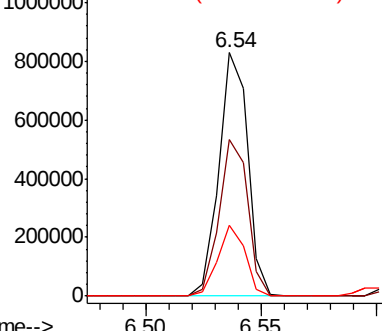
Lab File: BF115248.D

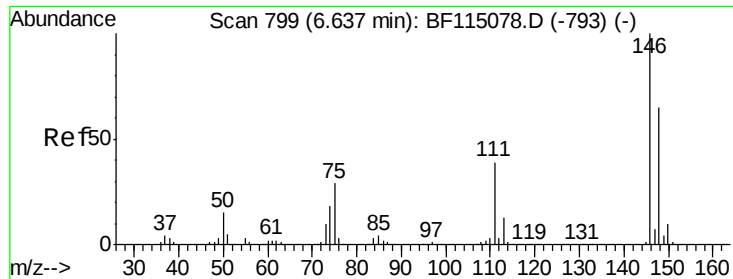
Acq: 27 Jun 2019 21:48

Tgt Ion:	146	Resp:	725149
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
75	29.0	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.814 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

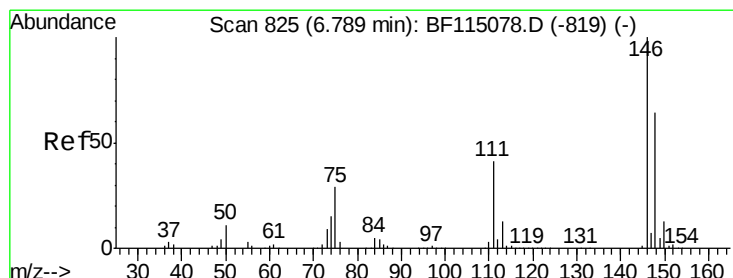
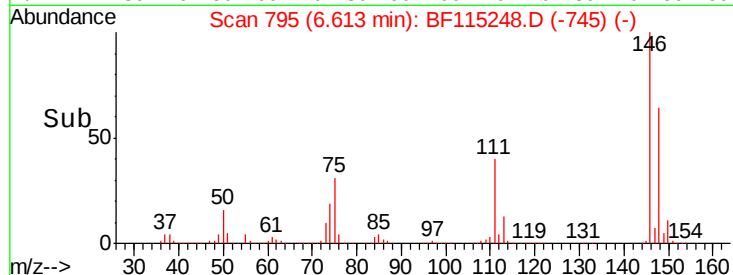
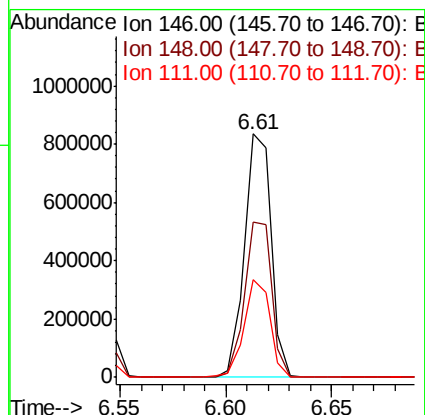
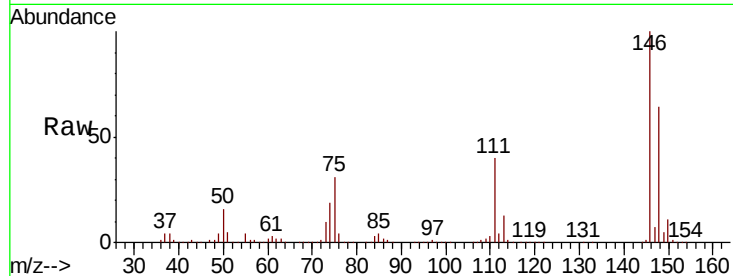
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	146	Resp:	729777
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	40.4	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 37.796 ng

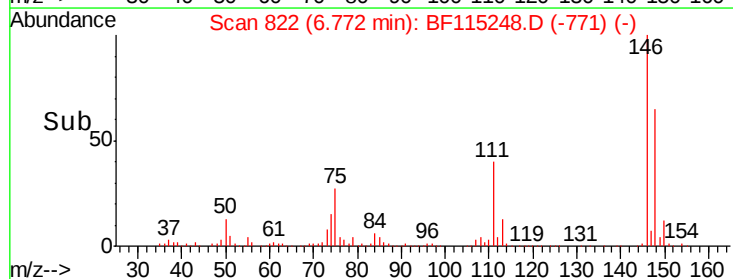
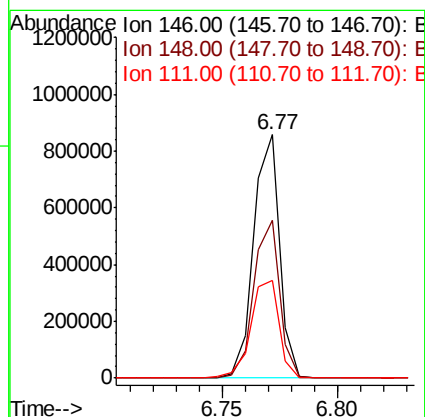
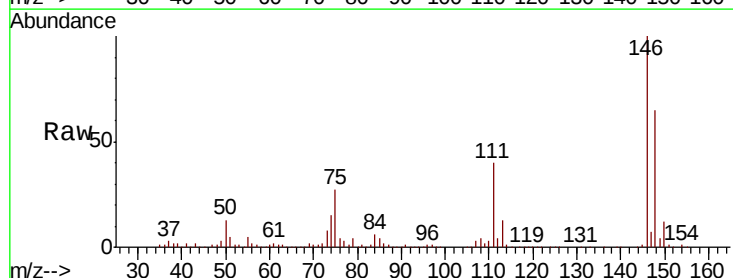
RT: 6.77 min Scan# 822

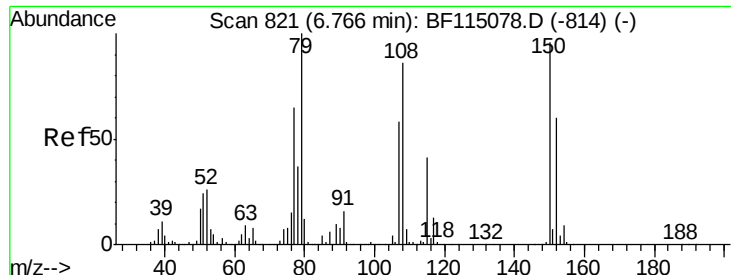
Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Tgt Ion:	146	Resp:	675498
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.1	76.7
111	40.2	33.2	49.8





#15

Benzyl Alcohol

Concen: 38.196 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

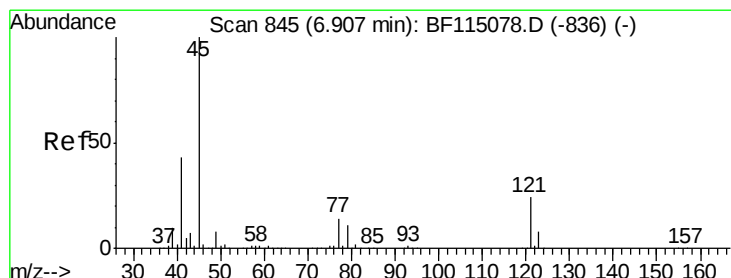
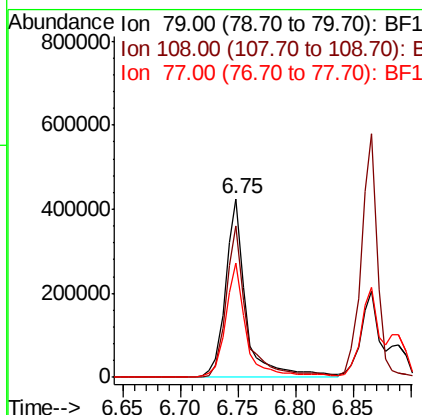
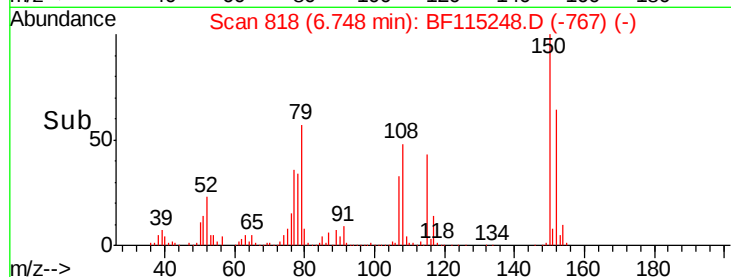
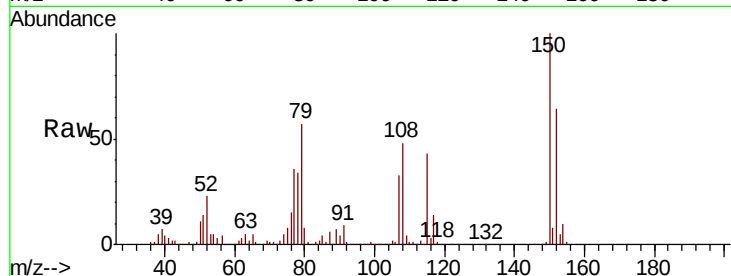
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	79	Resp:	520627
Ion Ratio	Lower	Upper	
79	100		
108	85.0	68.7	103.1
77	64.0	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.201 ng

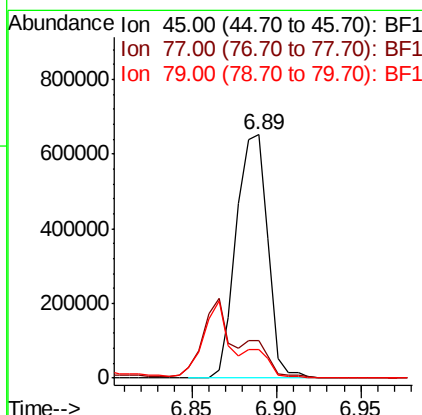
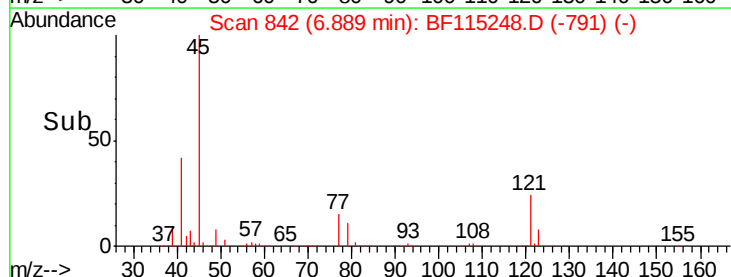
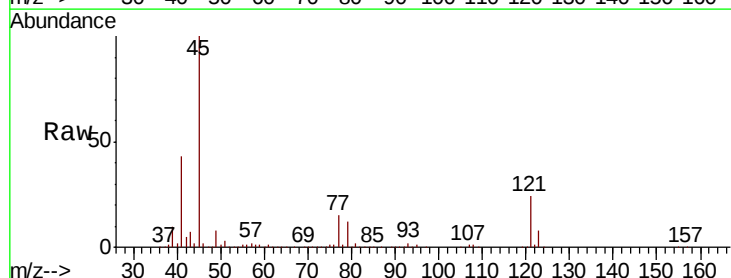
RT: 6.89 min Scan# 842

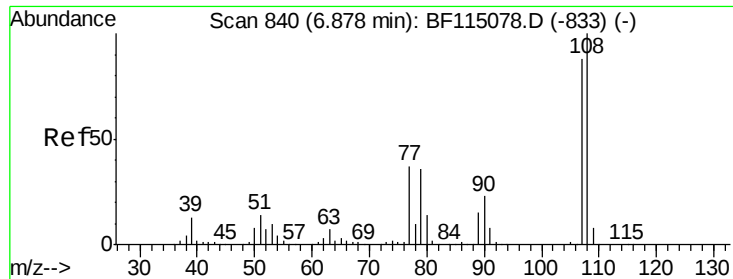
Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Tgt Ion:	45	Resp:	848620
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	34.6
79	12.0	0.0	31.2





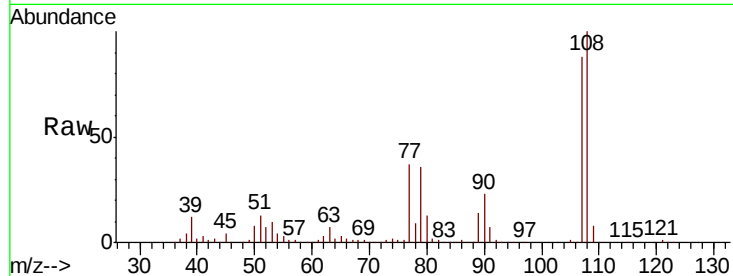
#17
2-Methylphenol
Concen: 34.115 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.9	136.3	
77	42.2	33.4	50.2	
79	40.5	32.3	48.5	

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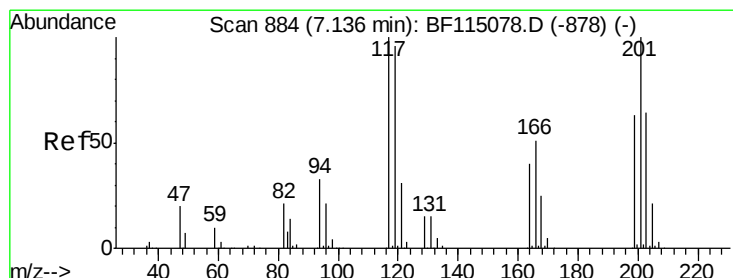
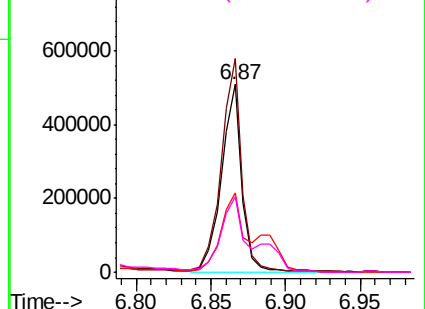
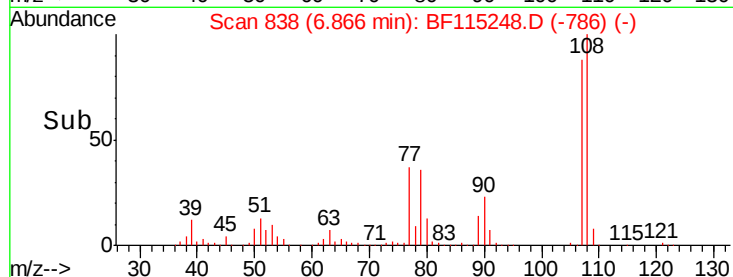
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

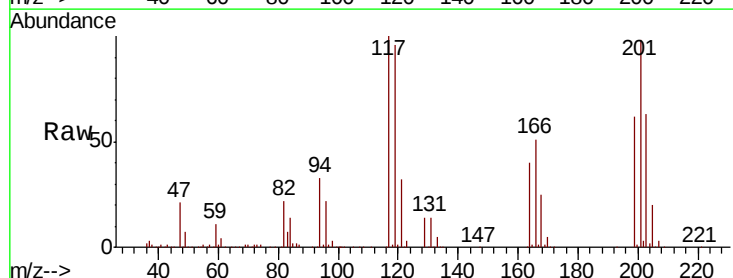
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.011 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.6	114.8	
201	97.7	80.2	120.2	

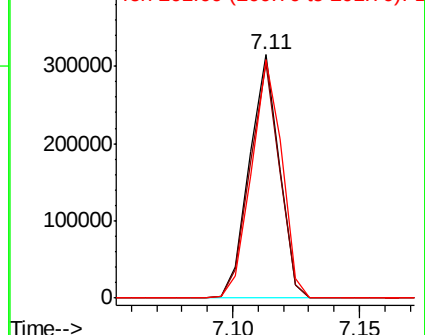
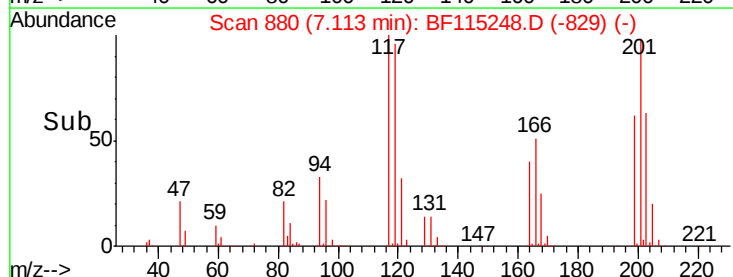


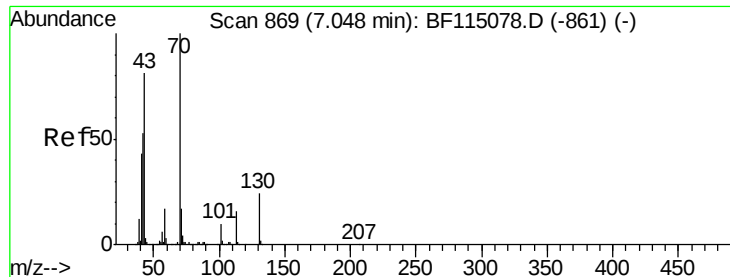
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





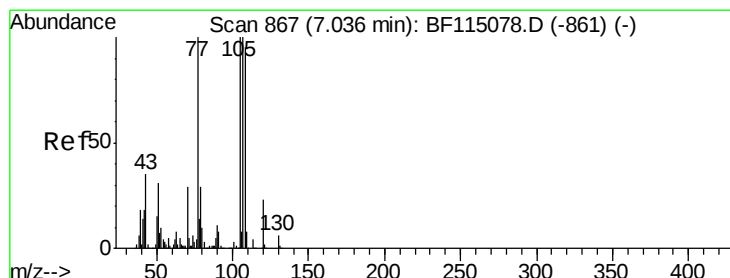
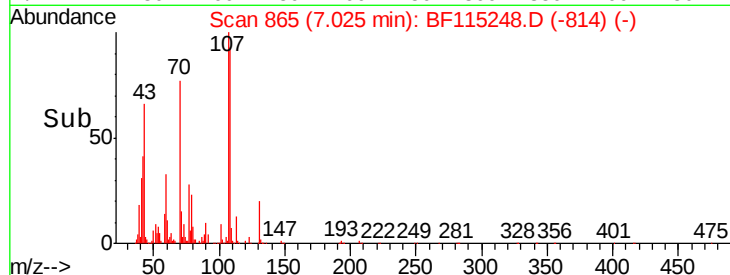
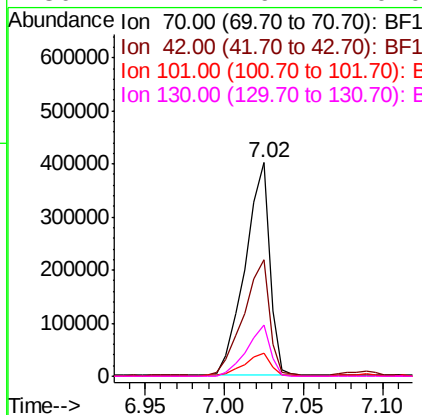
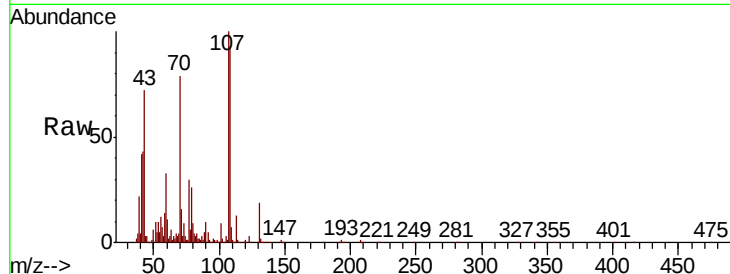
#19
n-Nitroso-di-n-propylamine
Concen: 35.816 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	42.6	63.8	
101	10.8	8.0	12.0	
130	24.2	19.4	29.0	

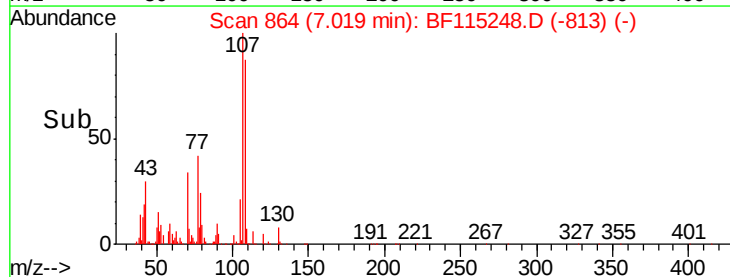
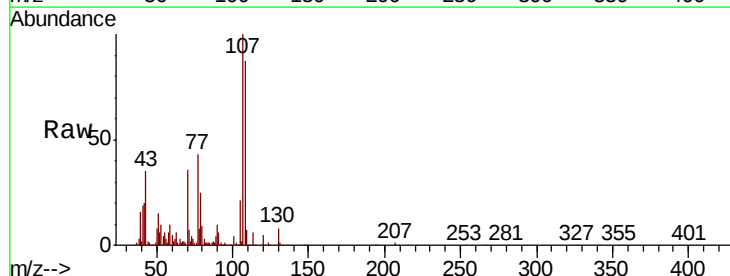
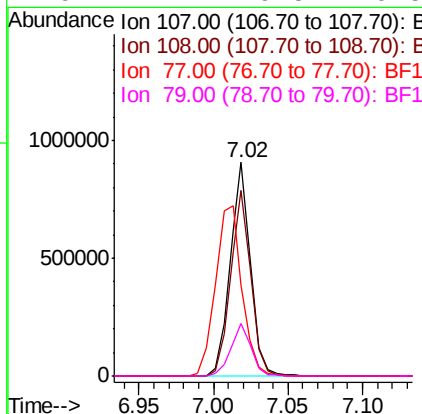
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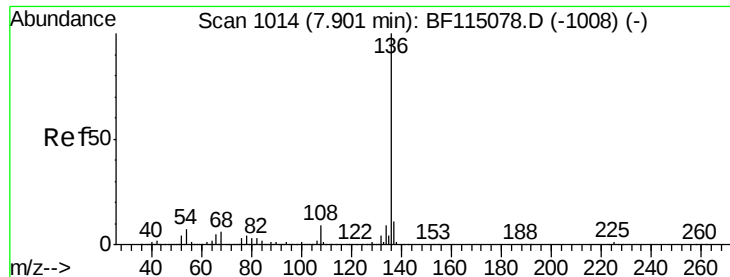
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#20
3+4-Methylphenols
Concen: 52.301 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	75.5	115.5	
77	42.7	80.2	120.2#	
79	24.7	9.5	49.5	





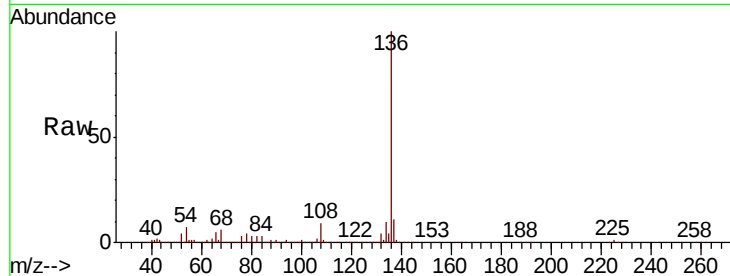
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

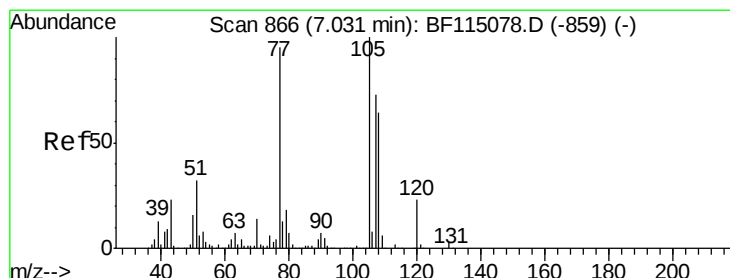
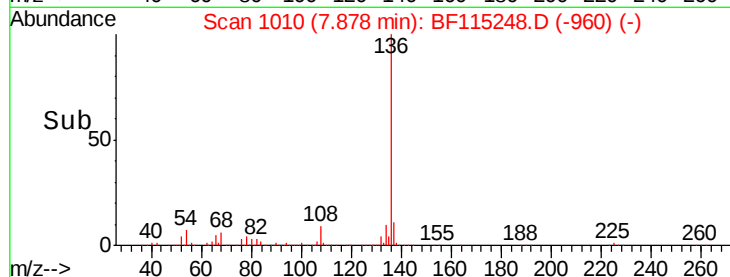
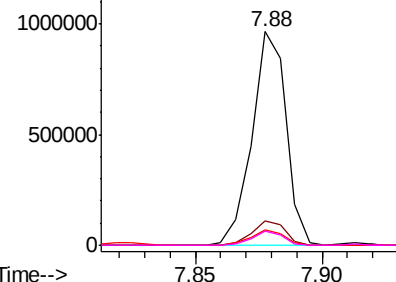
Tot Ion	Ratio	Resp	Lower	Upper
136	100	911871		
137	11.2	8.9	13.3	
54	7.4	5.6	8.4	
68	6.3	4.8	7.2	

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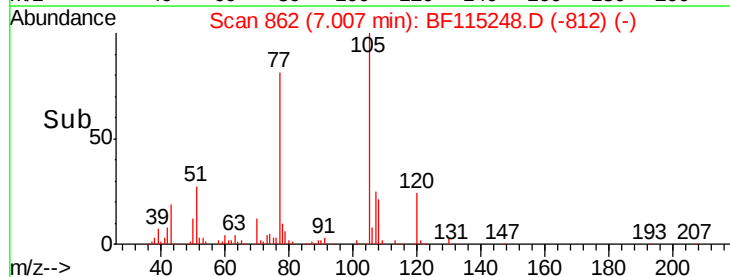
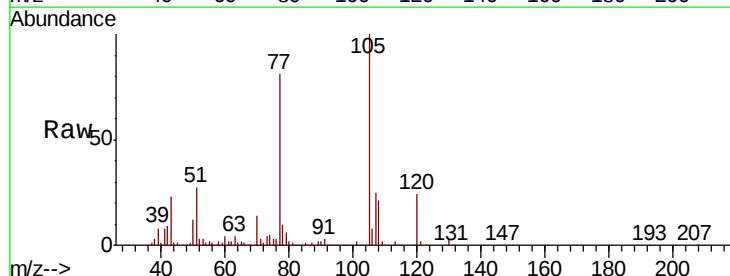
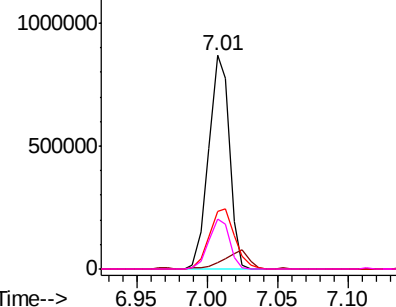
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

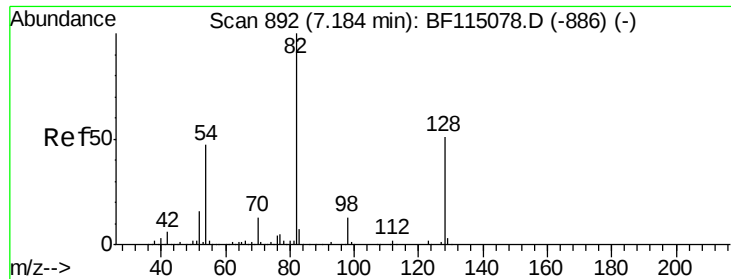


#22
Acetophenone
Concen: 42.542 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	888093		
71	2.8	1.9	2.9	
51	26.9	25.8	38.8	
120	23.6	18.5	27.7	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





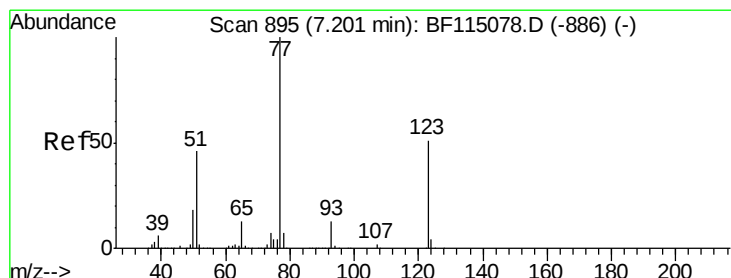
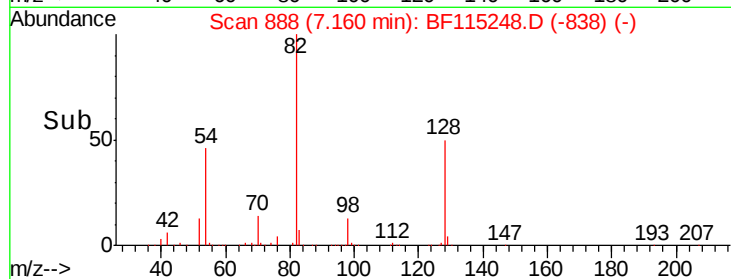
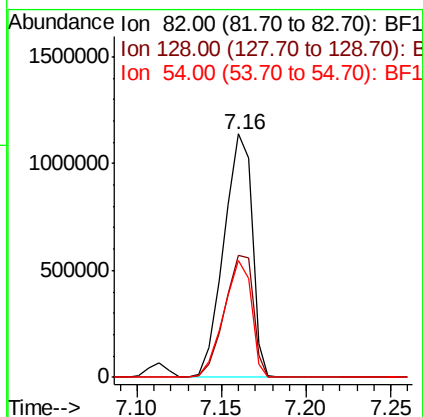
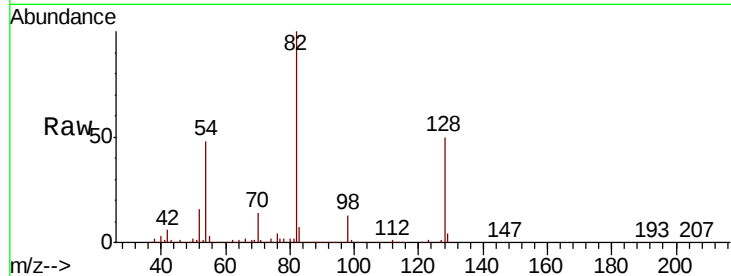
#23
 Nitrobenzene-d5
 Concen: 89.210 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Tot Ion	82	Resp	1322407
Ion Ratio	100	Lower	Upper
128	50.2	40.4	60.6
54	48.2	37.5	56.3

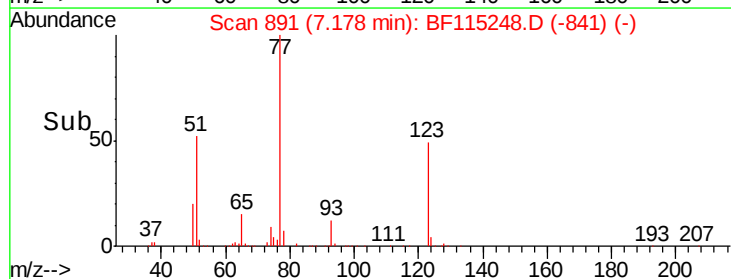
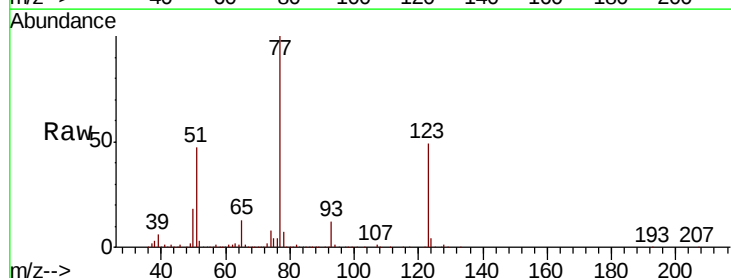
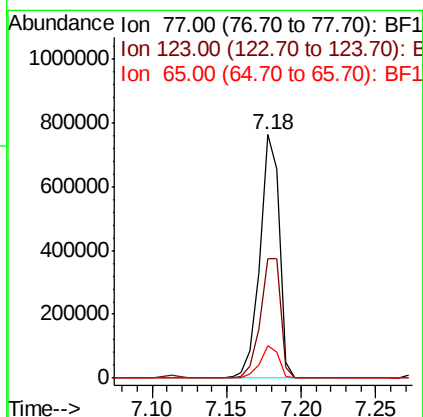
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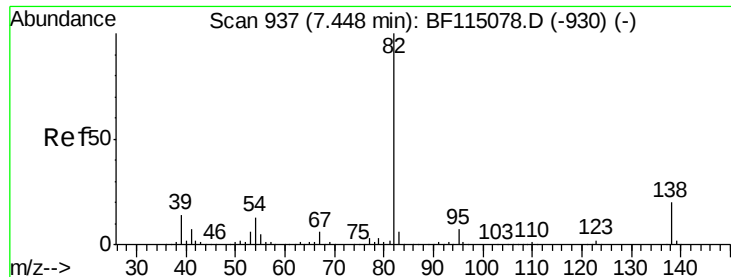
mohammad
 6/28/2019 2:58:39 PM



#24
 Nitrobenzene
 Concen: 41.306 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion	77	Resp	674550
Ion Ratio	100	Lower	Upper
123	49.0	41.0	61.6
65	13.4	10.5	15.7





#25

Isophorone

Concen: 39.361 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 82 Resp: 1195259

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

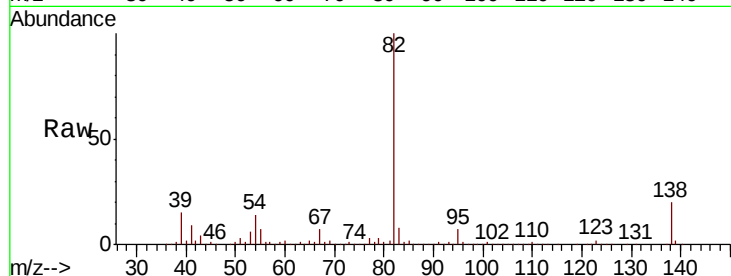
138 19.7 15.9 23.9

Manual Integrations

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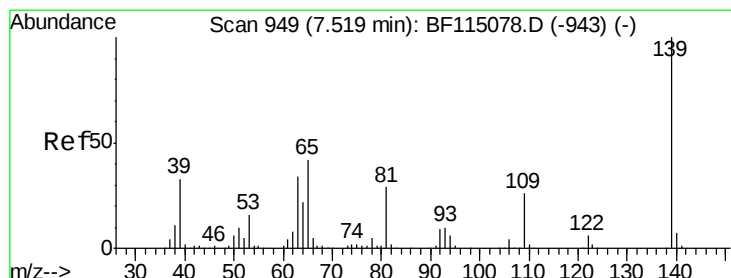
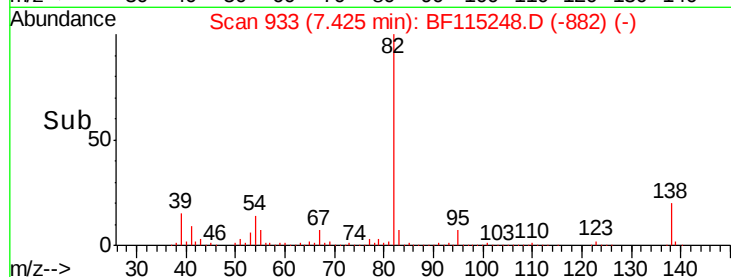
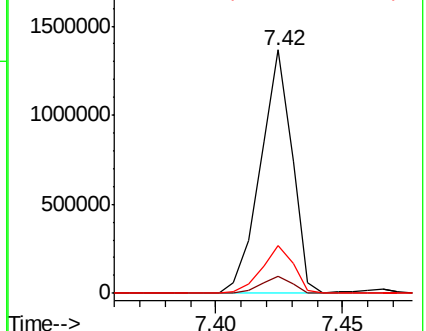
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.189 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

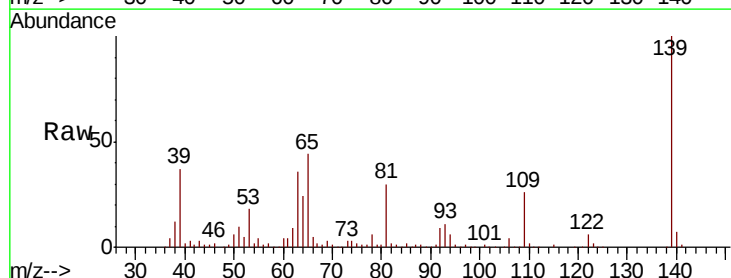
Tgt Ion: 139 Resp: 340243

Ion Ratio Lower Upper

139 100

109 26.4 20.4 30.6

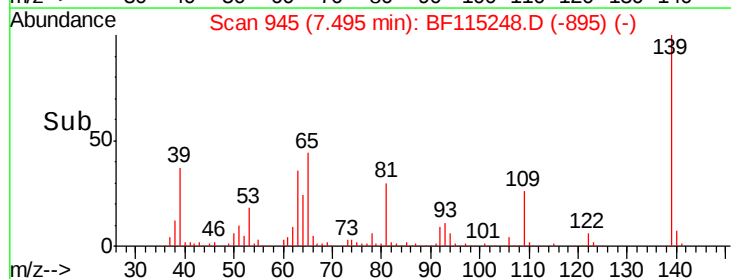
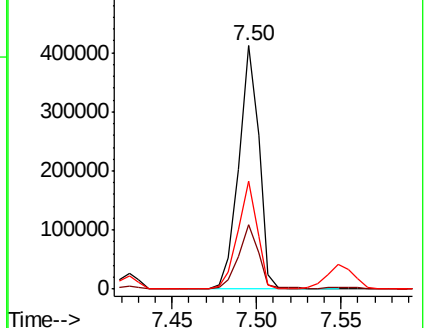
65 44.2 33.6 50.4

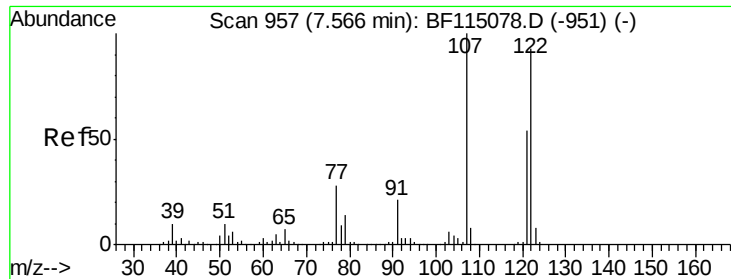


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.191 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

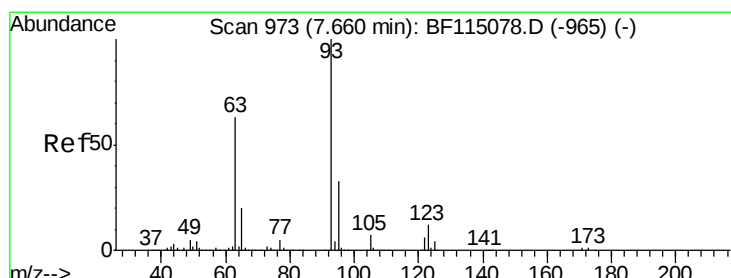
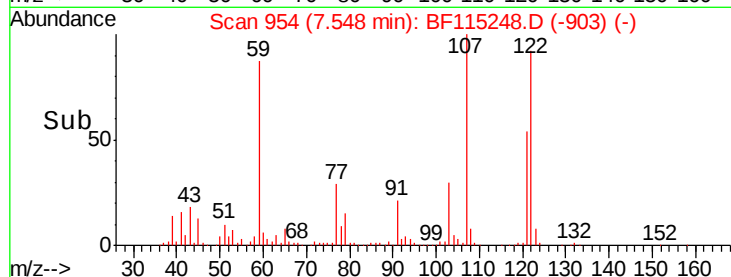
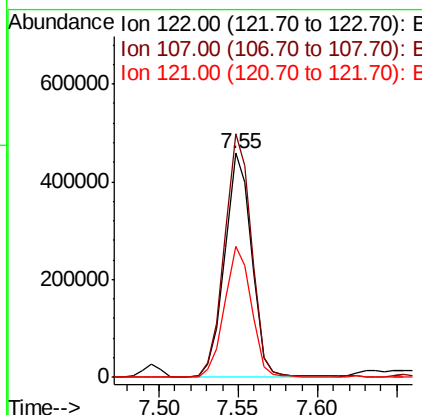
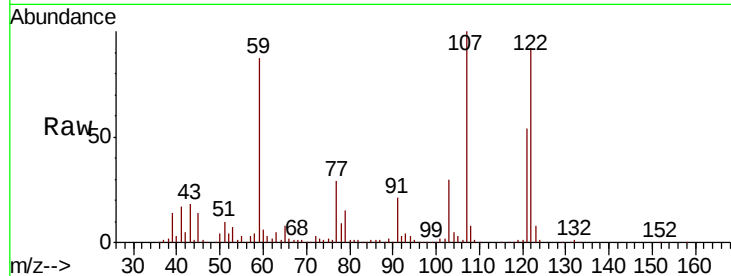
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	122	Resp:	543902
Ion Ratio	Lower	Upper	
122	100		
107	108.7	85.8	128.6
121	58.2	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.071 ng

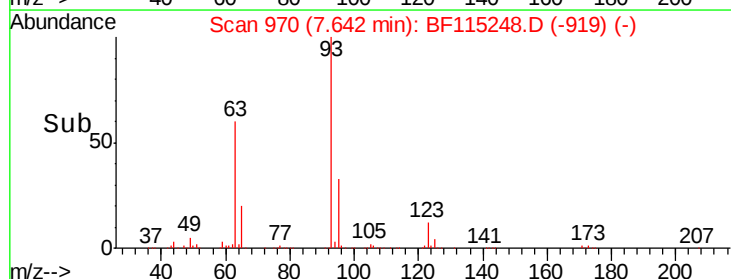
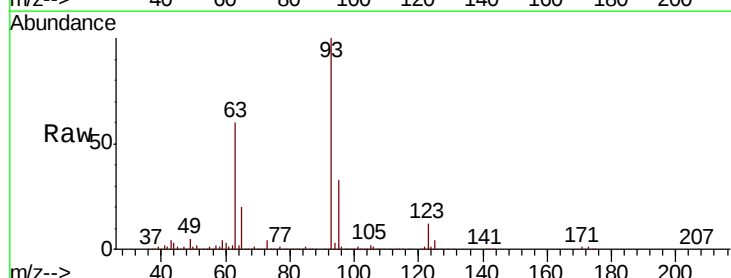
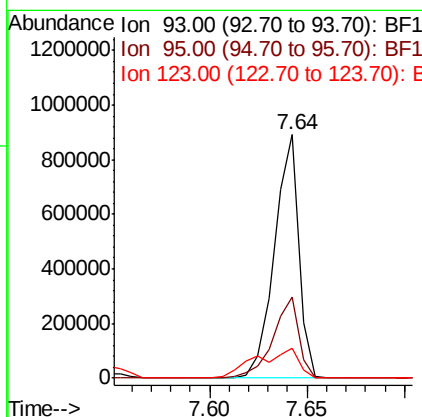
RT: 7.64 min Scan# 970

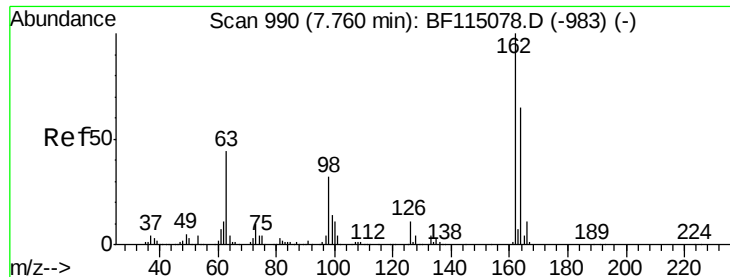
Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Tgt Ion:	93	Resp:	769085
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.4
123	12.4	9.7	14.5





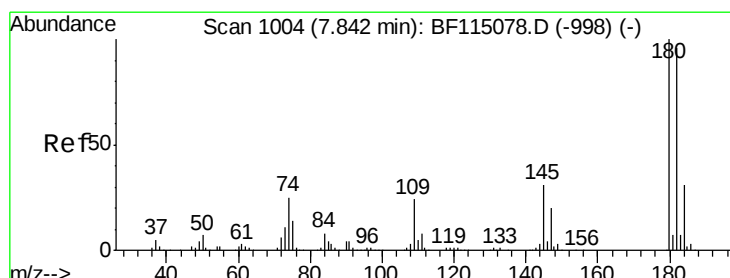
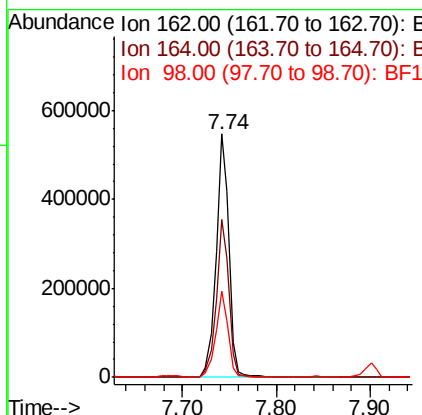
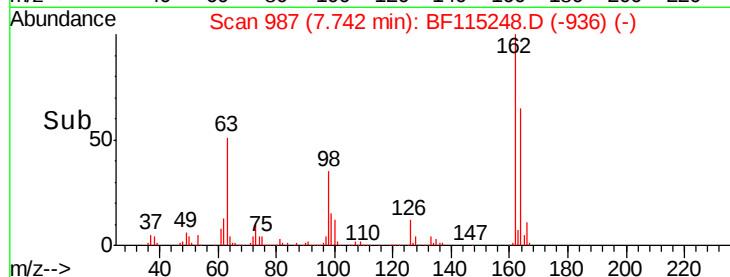
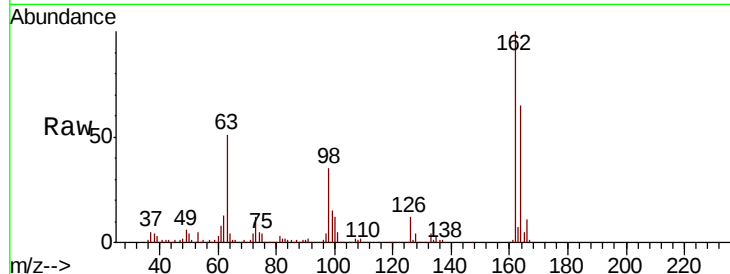
#29
2,4-Dichlorophenol
Concen: 38.653 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	45.3	85.3
98	35.2	12.5	52.5

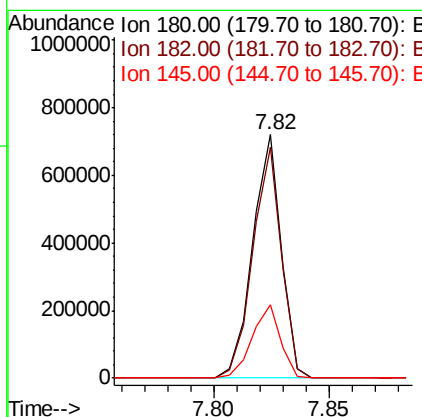
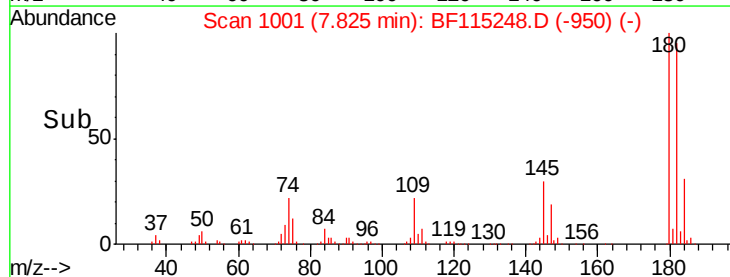
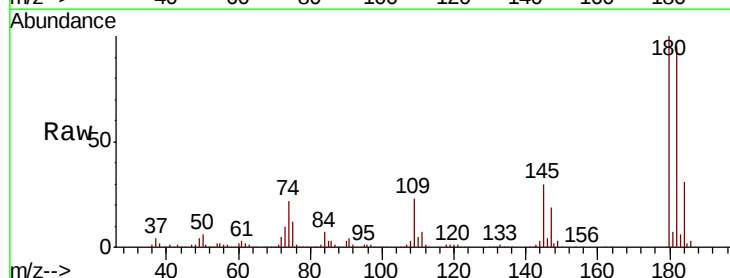
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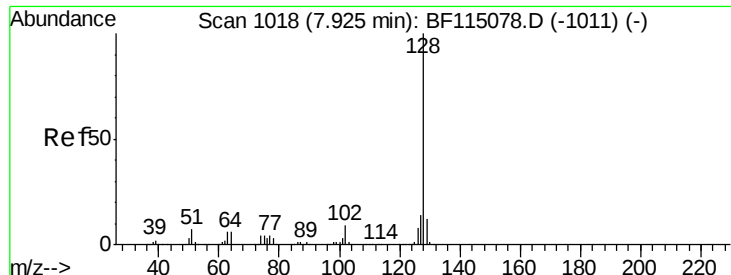
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#30
1,2,4-Trichlorobenzene
Concen: 41.355 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	76.4	114.6
145	30.2	24.8	37.2





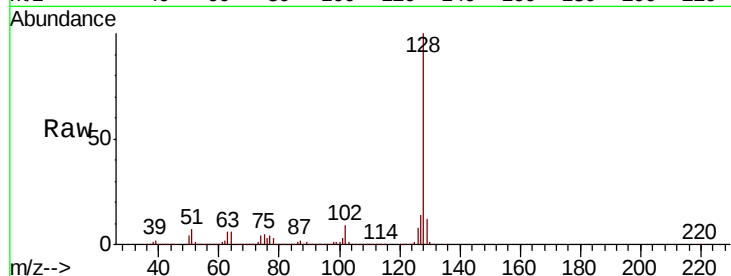
#31
Naphthalene
Concen: 42.153 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.2	11.4	17.0

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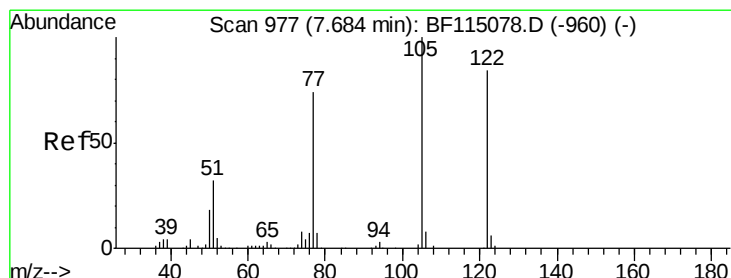
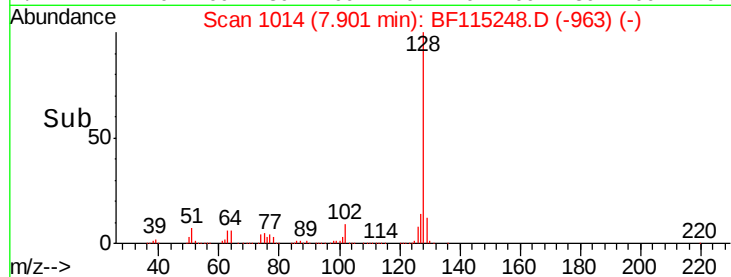
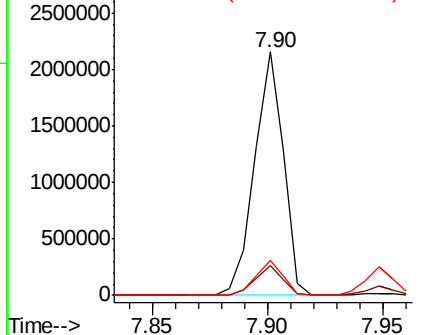


Abundance

Ion 128.00 (127.70 to 128.70): E

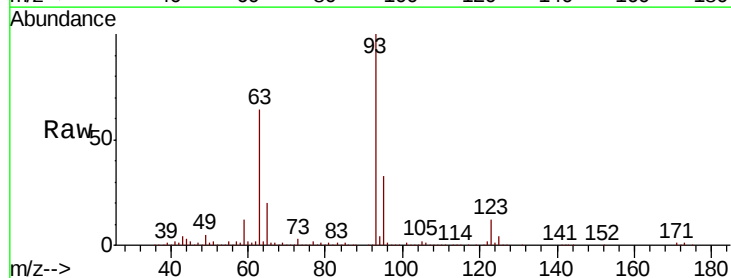
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 5.230 ng m
RT: 7.64 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.6	98.2	138.2
77	86.7	67.0	107.0

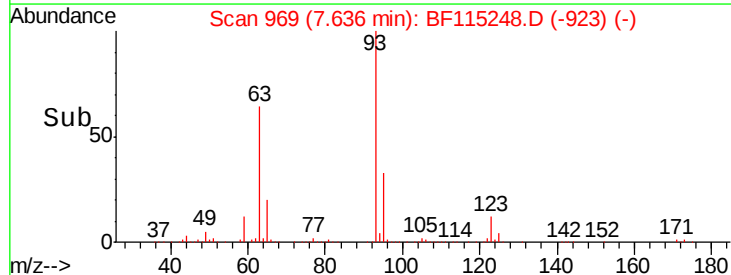
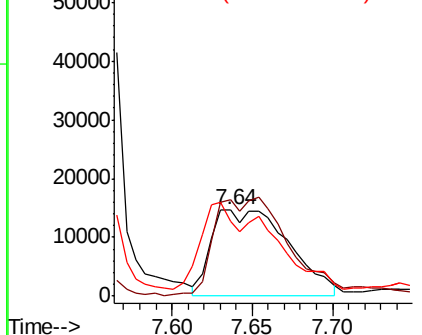


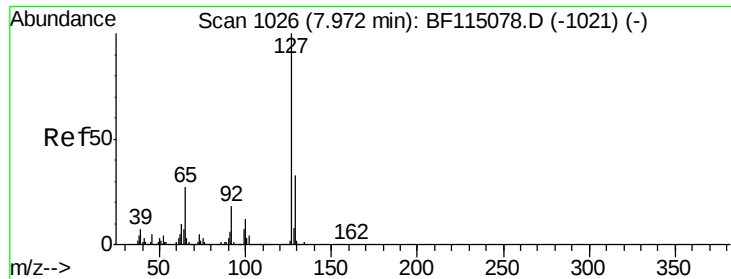
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





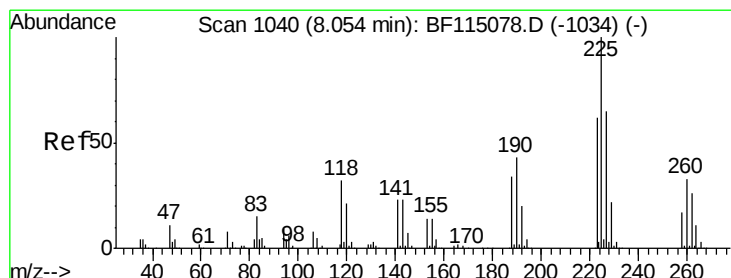
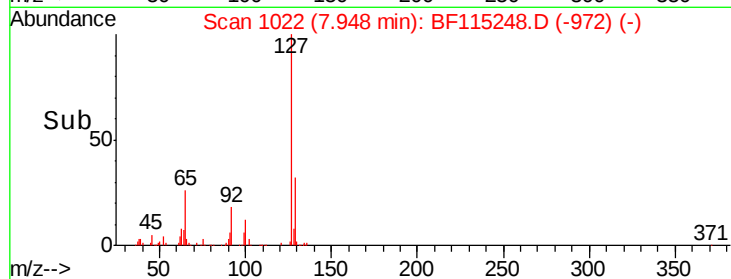
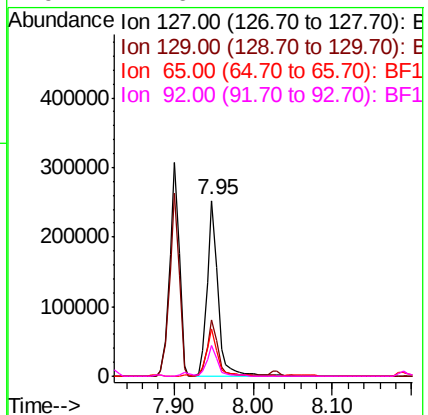
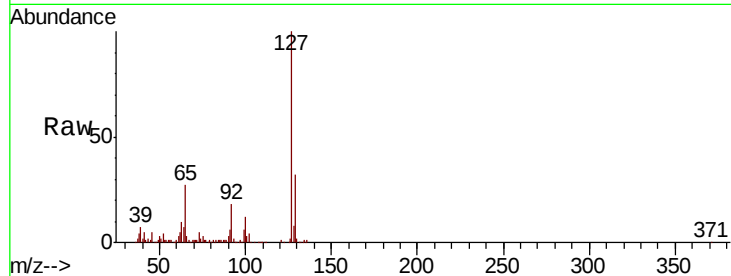
#33
4-Chloroaniline
Concen: 11.897 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	27.0	21.4	32.2		
92	17.6	14.1	21.1		

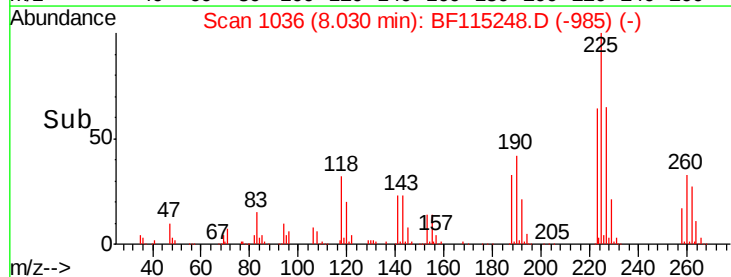
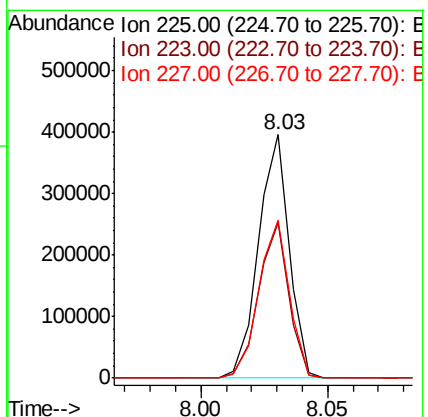
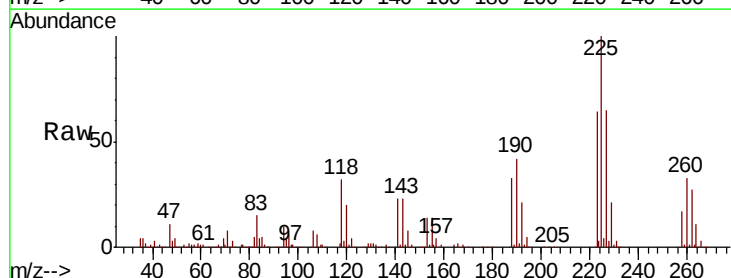
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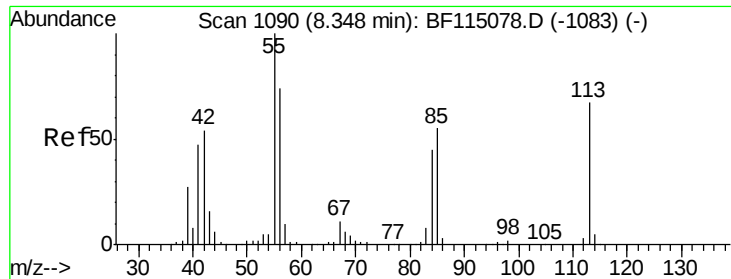
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#34
Hexachlorobutadiene
Concen: 40.377 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.4	74.2		
227	64.6	51.8	77.8		





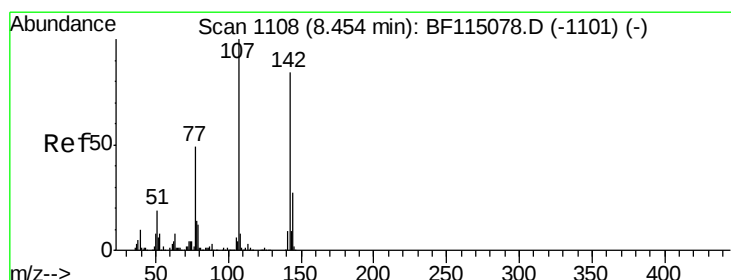
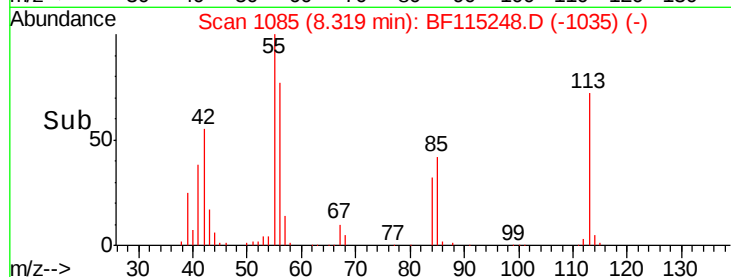
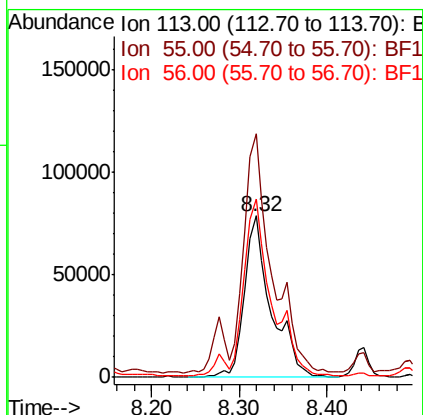
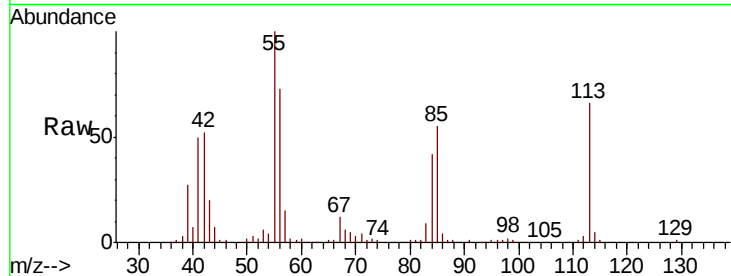
#35
Caprolactam
Concen: 35.629 ng
RT: 8.32 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	150.8	130.2	170.2		
56	110.6	91.6	131.6		

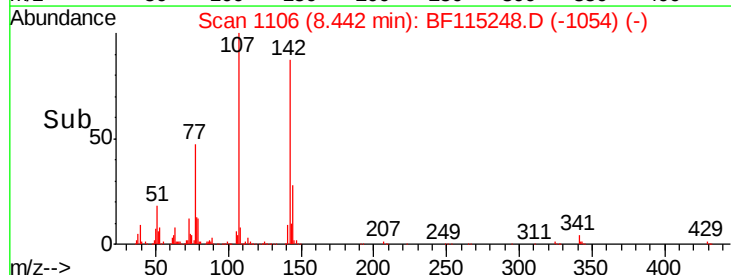
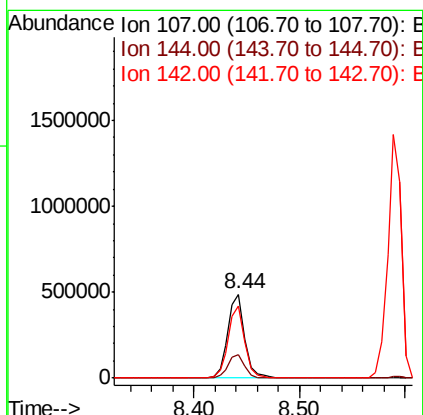
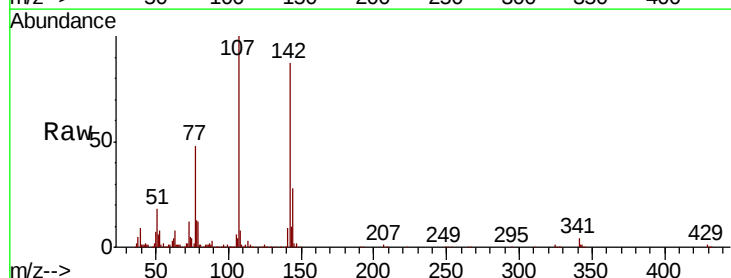
Manual Integrations
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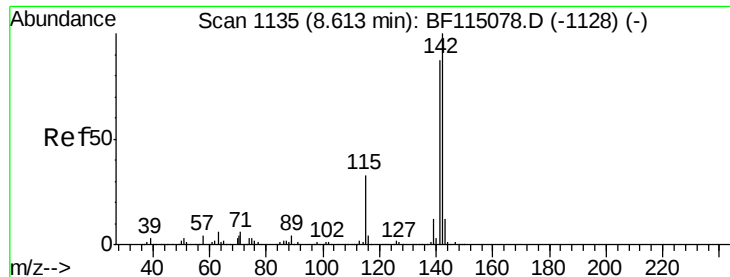
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#36
4-Chloro-3-methylphenol
Concen: 38.968 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.3	21.7	32.5		
142	86.6	67.0	100.4		





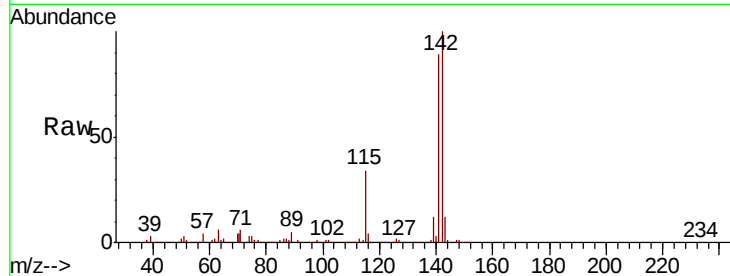
#37
2-Methylnaphthalene
Concen: 42.893 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

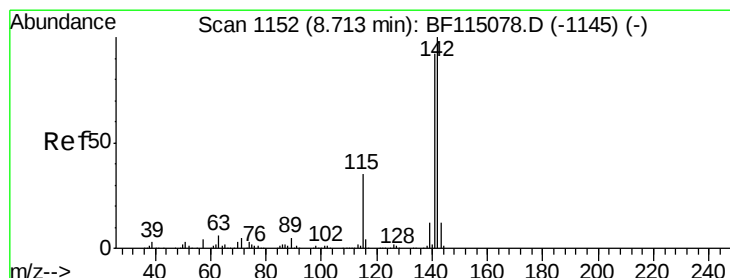
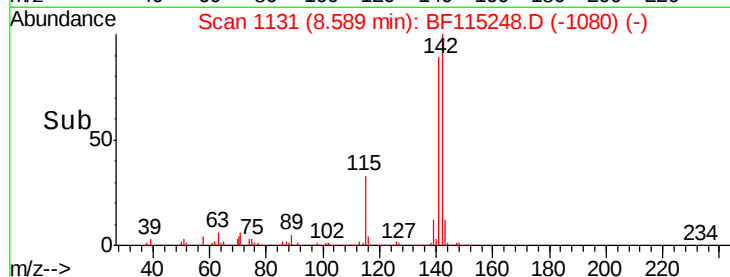
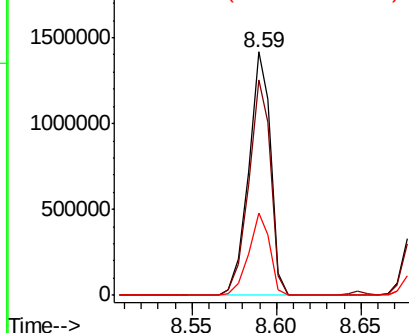
Tot Ion:142 Resp: 1294529
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6
115 33.6 26.7 40.1

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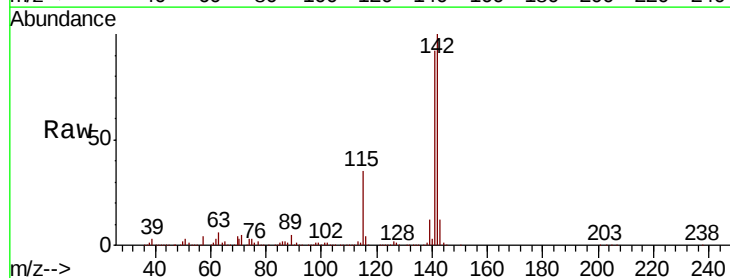


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

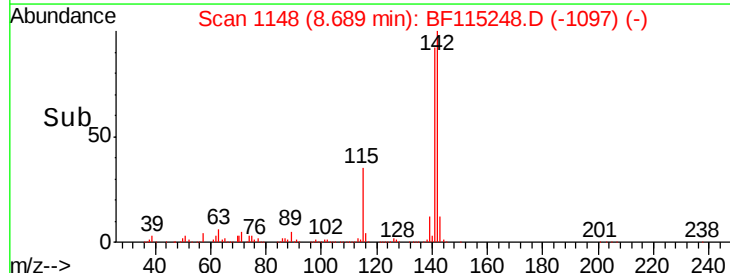
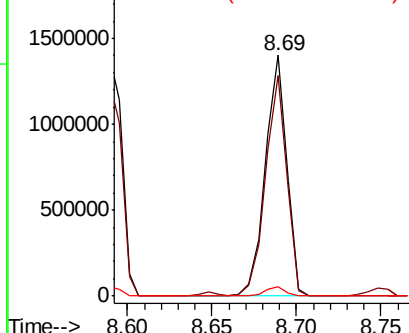


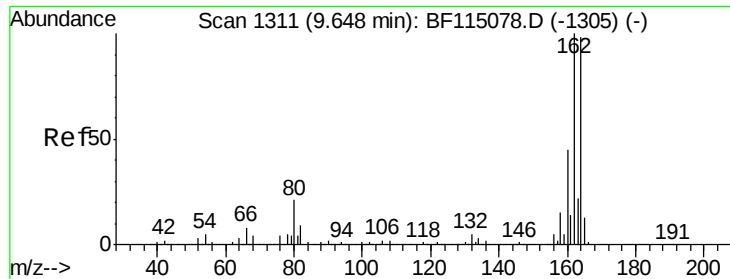
#38
1-Methylnaphthalene
Concen: 42.335 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:142 Resp: 1220290
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8
116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





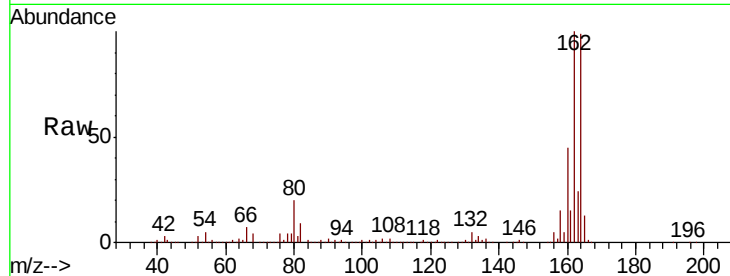
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.7	122.5	
160	45.6	37.0	55.4	

Manual Integrations
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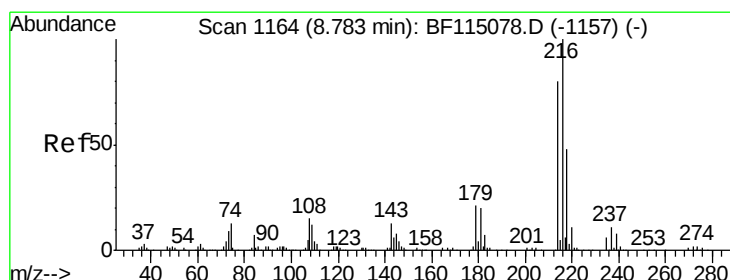
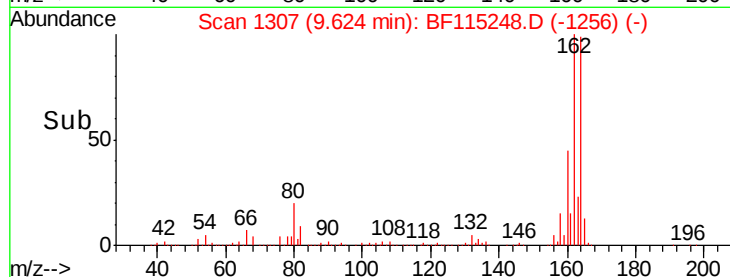
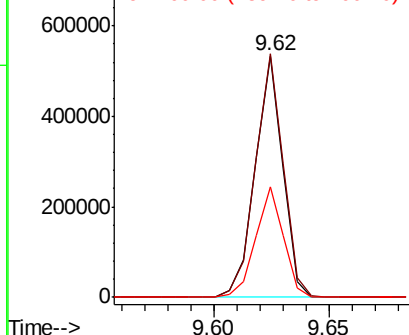


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.815 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.8	95.6	
179	22.2	17.6	26.4	
108	20.5	15.7	23.5	

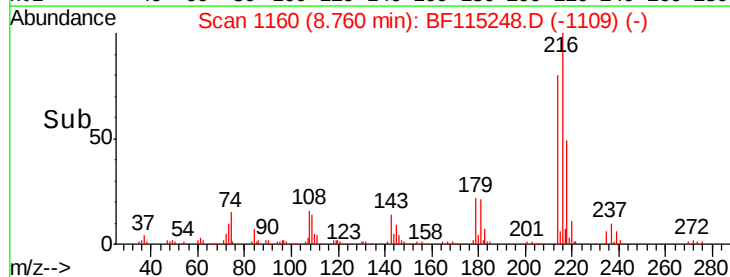
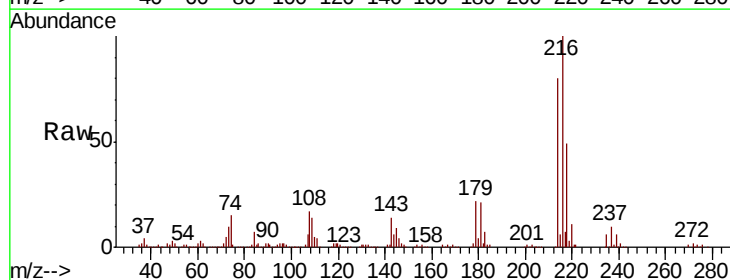
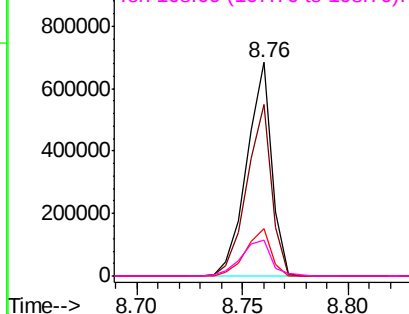
Abundance

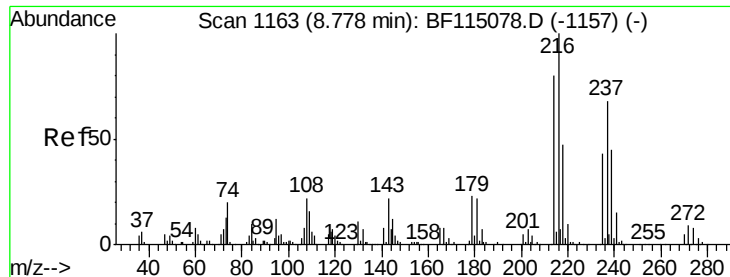
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.026 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

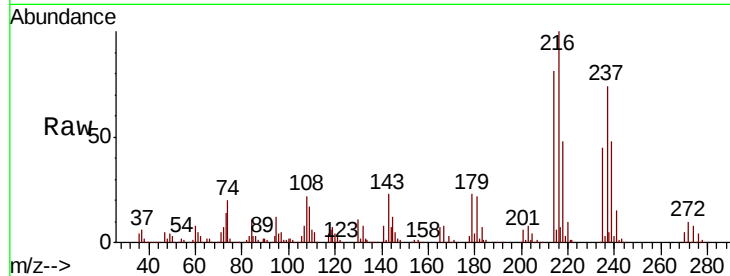
ClientSampleId :

OIL-WATER-SEPERATOR-SEDIME

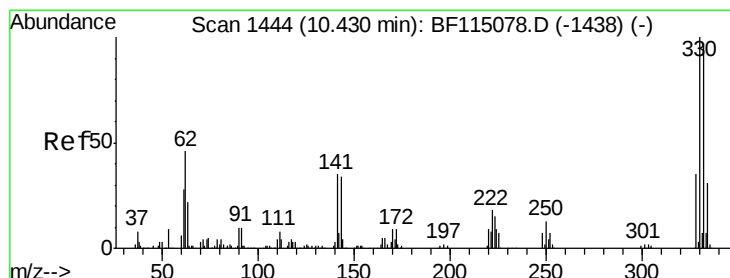
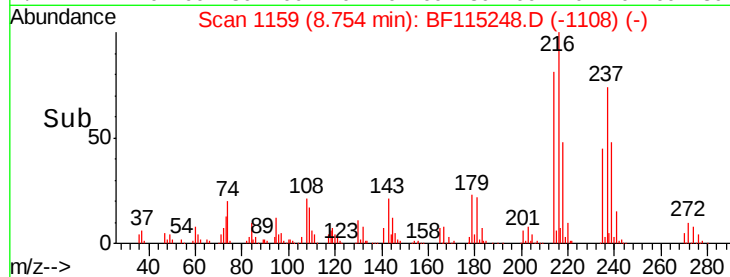
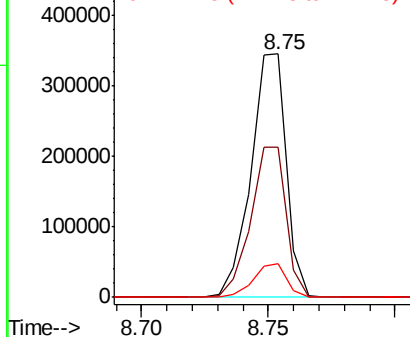
Tot Ion:	237	Resp:	335101
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.9	83.9
272	13.9	0.0	33.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.061 ng

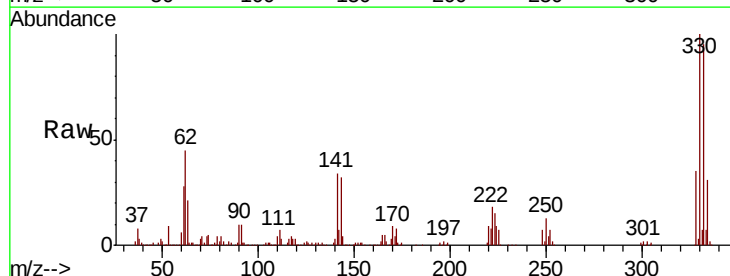
RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

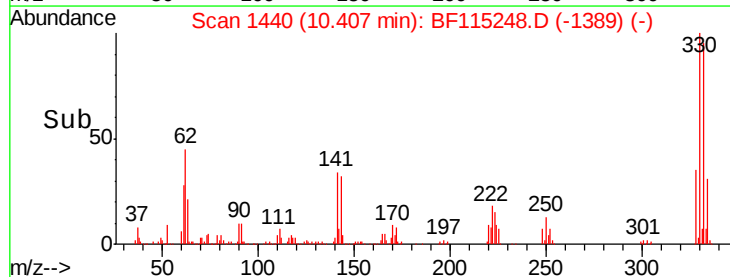
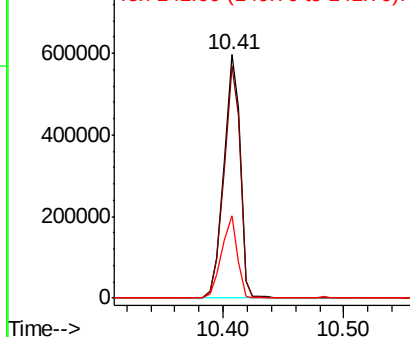
Lab File: BF115248.D

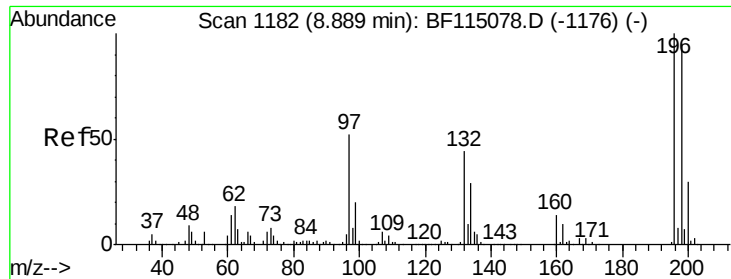
Acq: 27 Jun 2019 21:48

Tgt Ion:	330	Resp:	557662
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.3	115.9
141	32.6	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





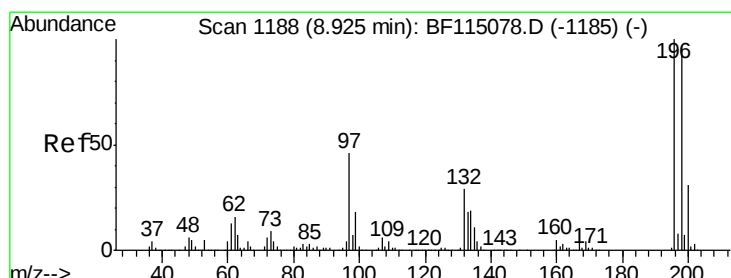
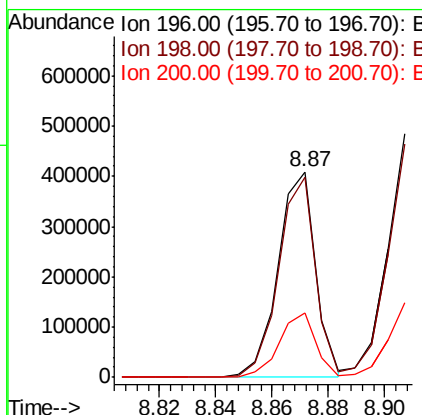
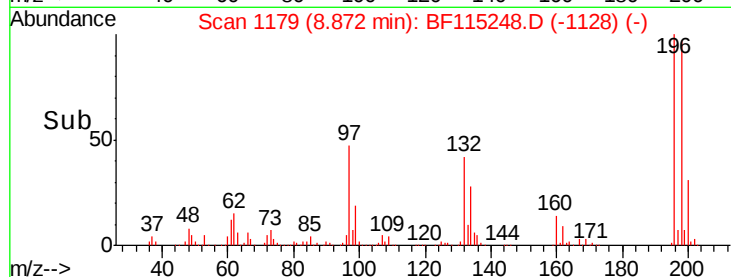
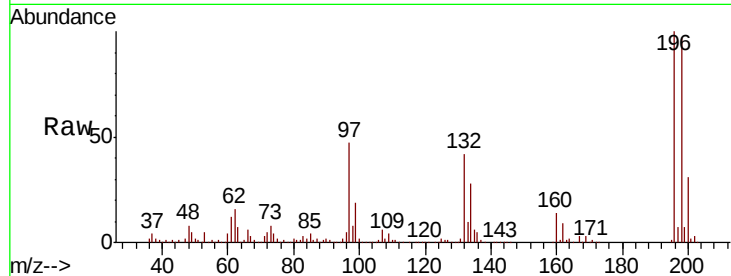
#43
 2,4,6-Trichlorophenol
 Concen: 38.872 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
196	100	376664		
198	97.1	76.3	114.5	
200	31.2	24.2	36.4	

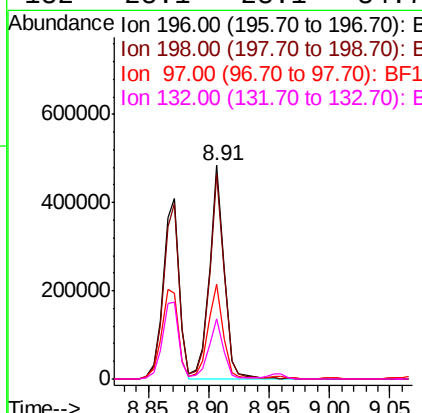
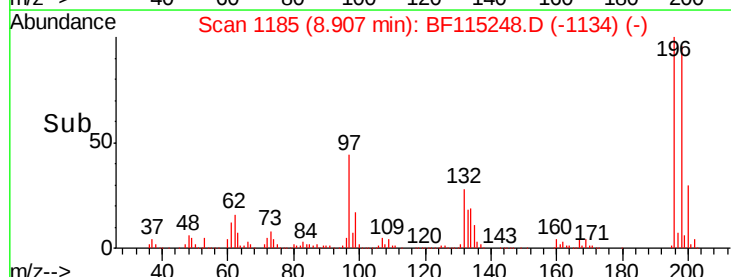
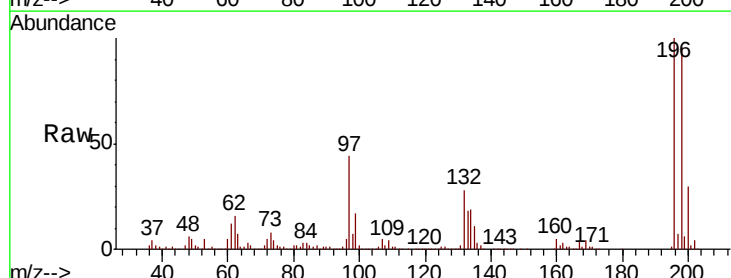
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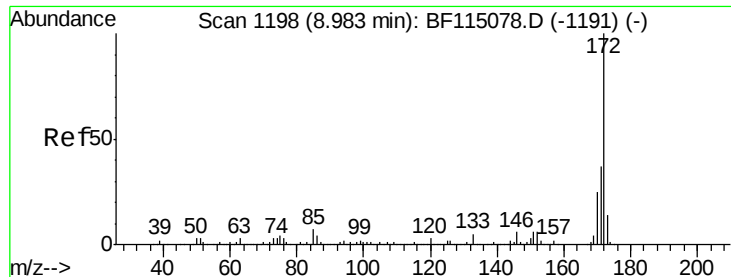
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#44
 2,4,5-Trichlorophenol
 Concen: 40.646 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	405597		
198	95.7	77.1	115.7	
97	44.3	37.7	56.5	
132	28.1	23.1	34.7	





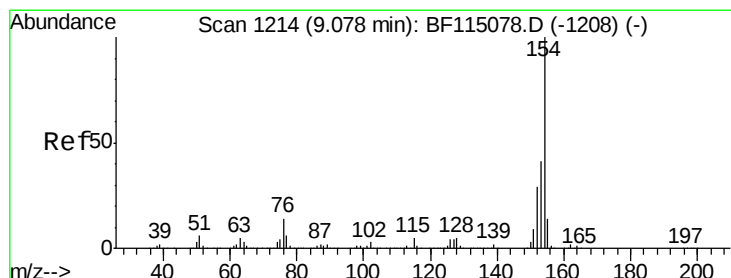
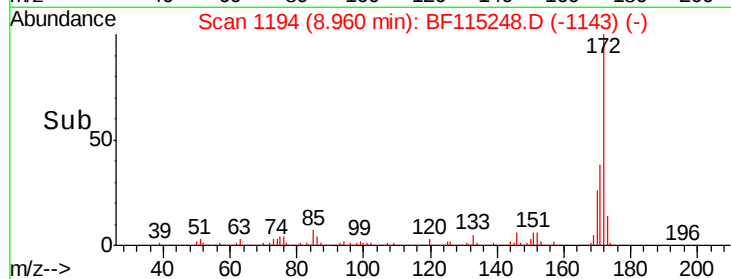
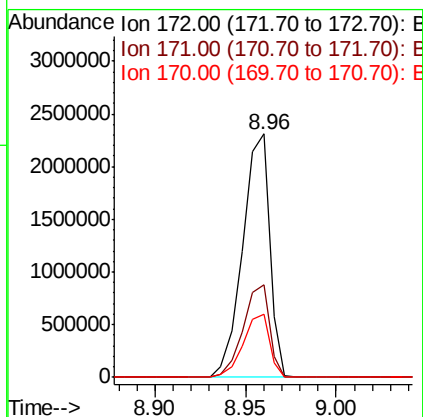
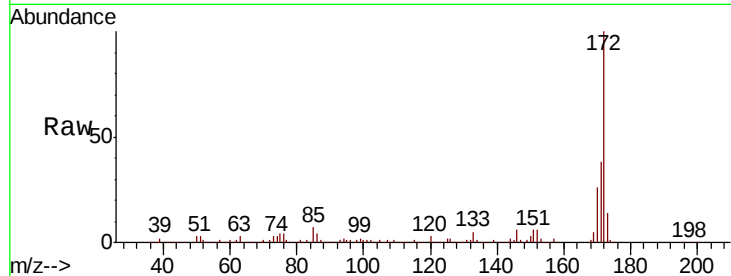
#45
2-Fluorobiphenyl
Concen: 91.653 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	26.2	20.3	30.5

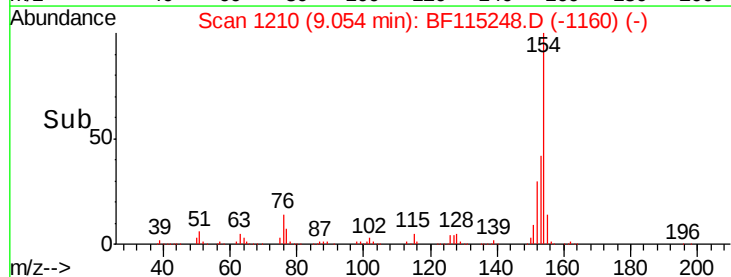
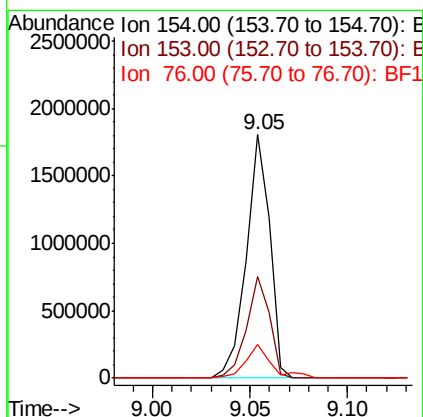
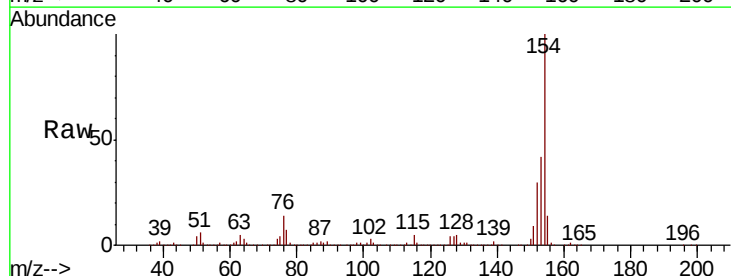
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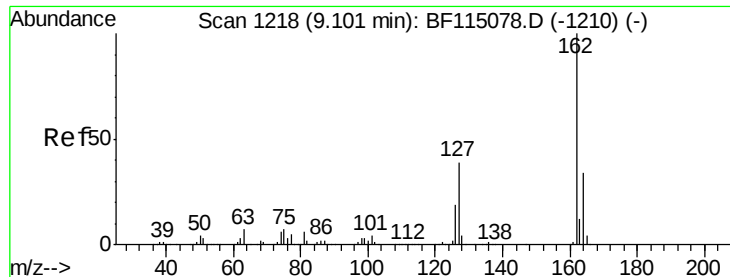
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#46
1,1'-Biphenyl
Concen: 42.178 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.9	60.9
76	13.9	0.0	34.1





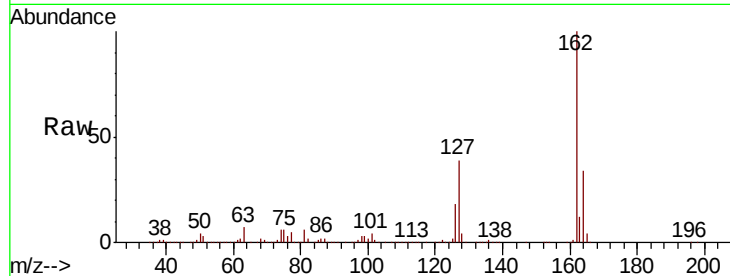
#47
2-Chloronaphthalene
Concen: 42.192 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.8	46.2
164	34.2	27.0	40.4

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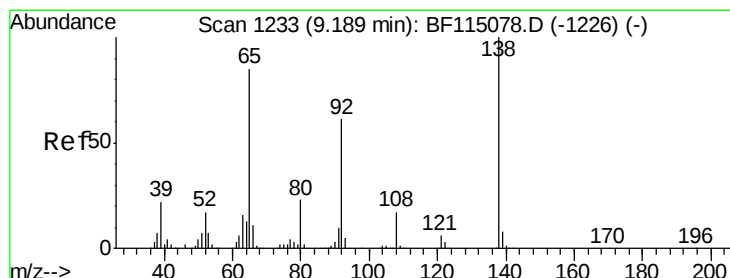
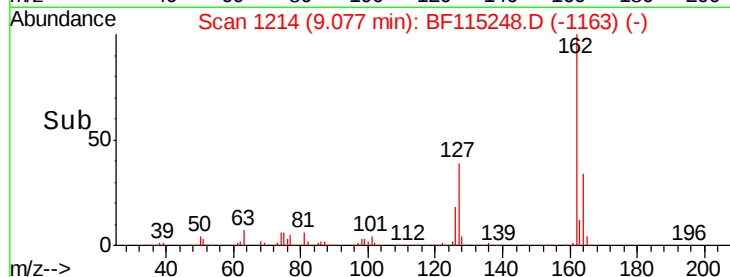
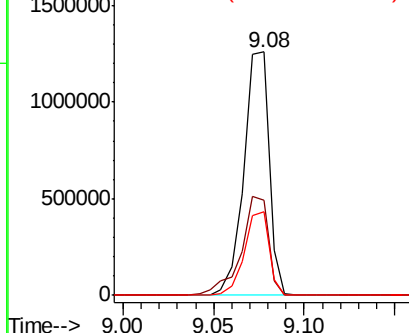


Abundance

Ion 162.00 (161.70 to 162.70): E

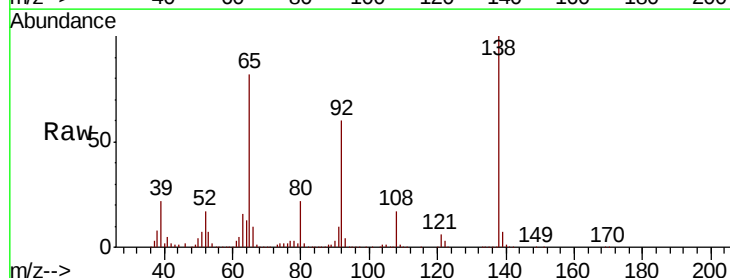
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.547 ng
RT: 9.17 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.4	86.2
138	121.3	94.1	141.1

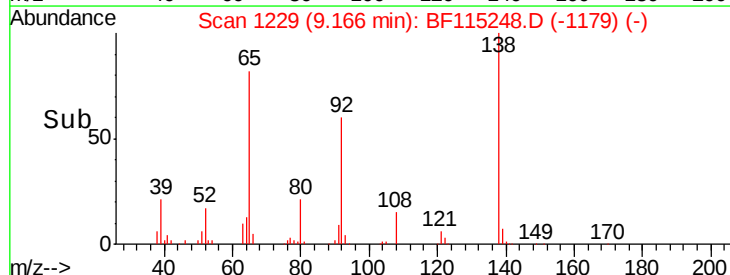
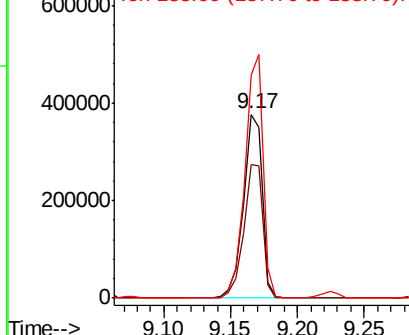


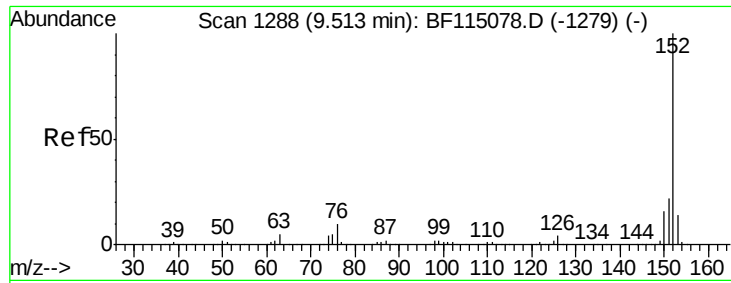
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.477 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:152 Resp: 1907845

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

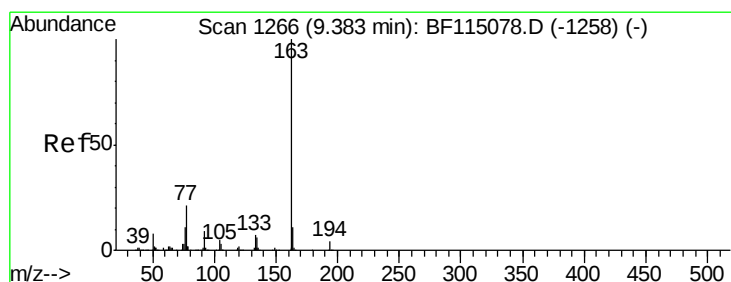
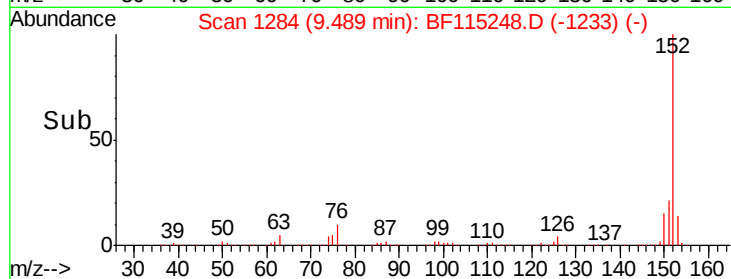
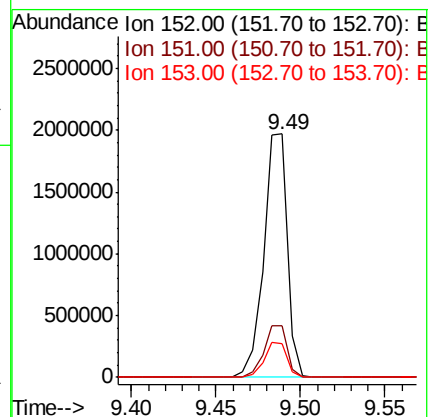
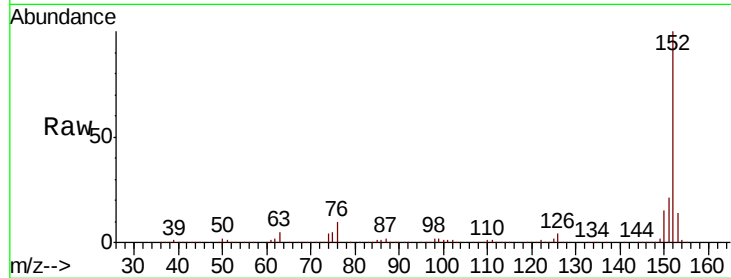
153 13.9 11.0 16.6

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#50

Dimethylphthalate

Concen: 44.430 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

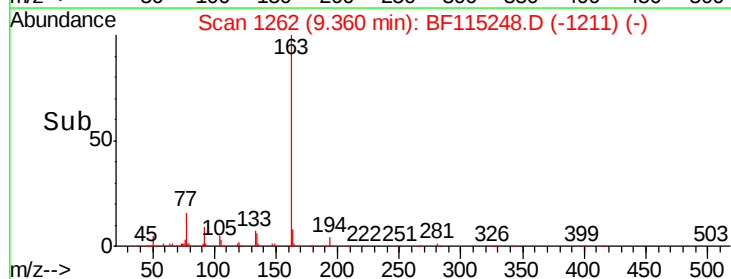
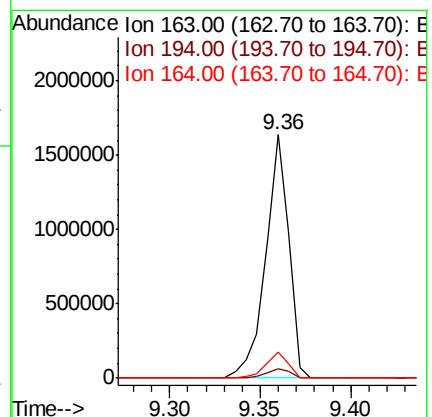
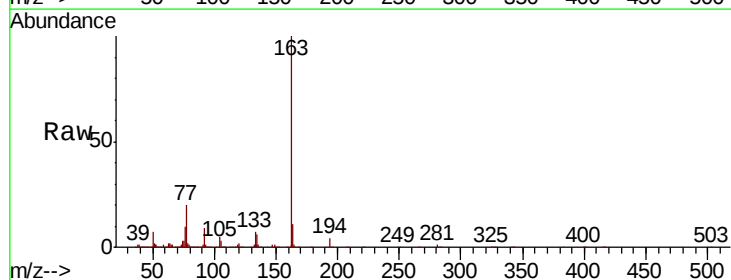
Tgt Ion:163 Resp: 1451890

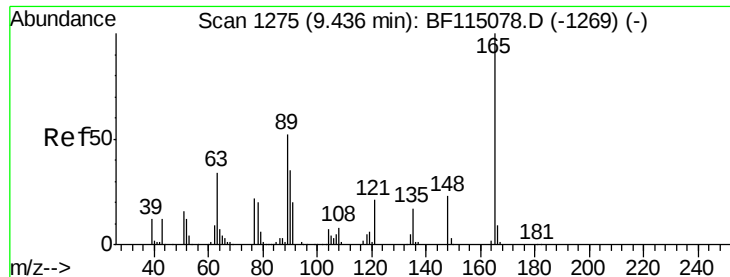
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.8 8.6 13.0





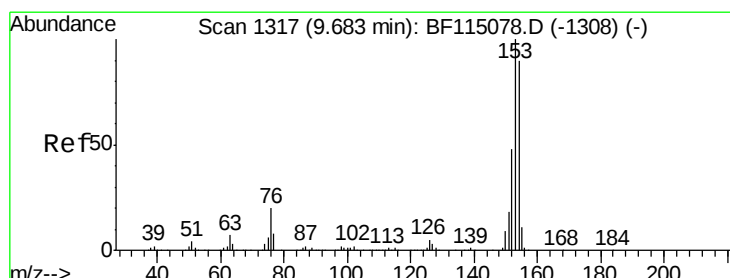
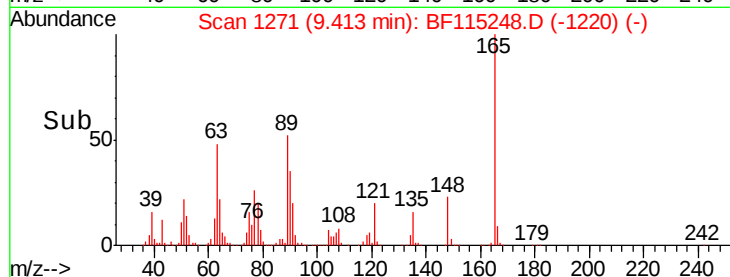
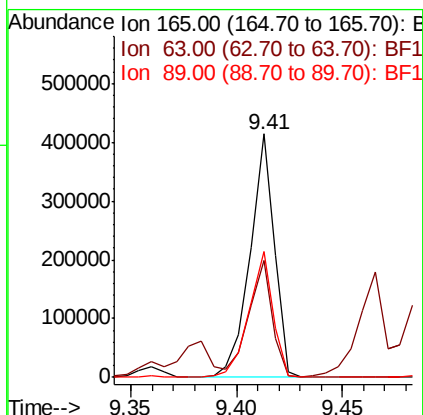
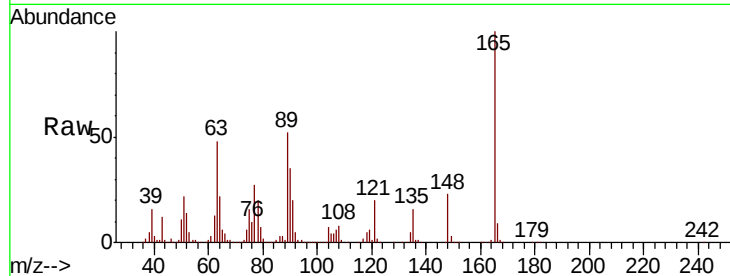
#51
2,6-Dinitrotoluene
Concen: 44.275 ng
RT: 9.41 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	39.4	59.2
89	51.8	42.0	63.0

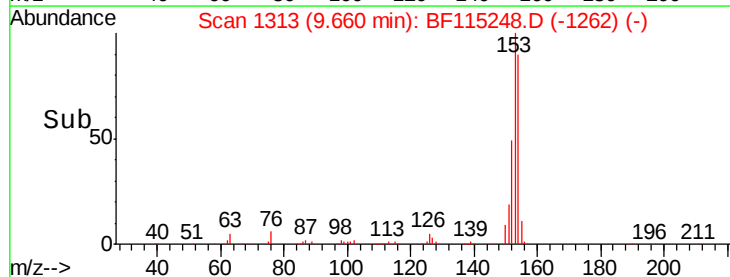
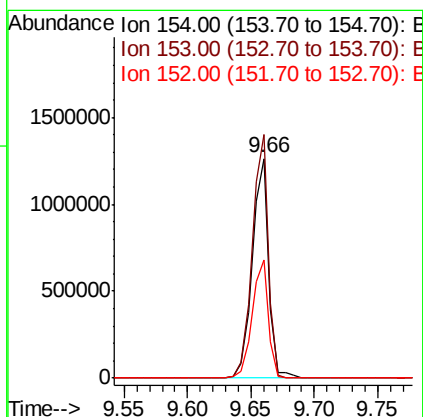
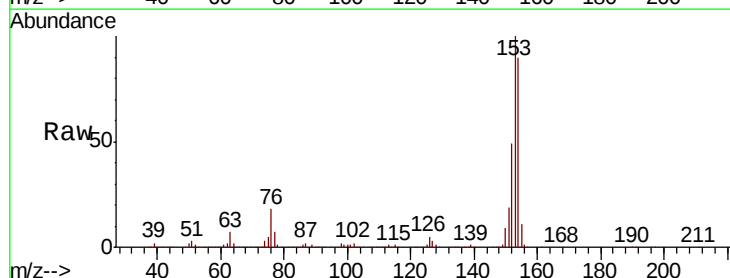
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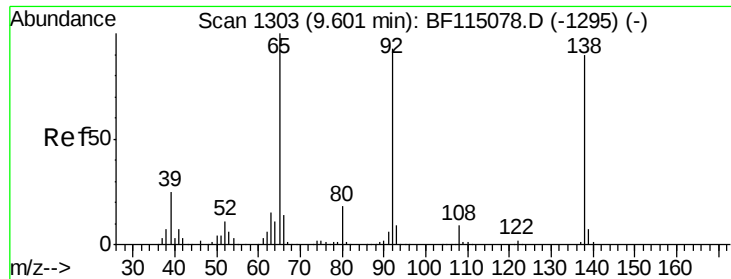
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#52
Acenaphthene
Concen: 40.622 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.7	133.1
152	53.9	42.6	64.0





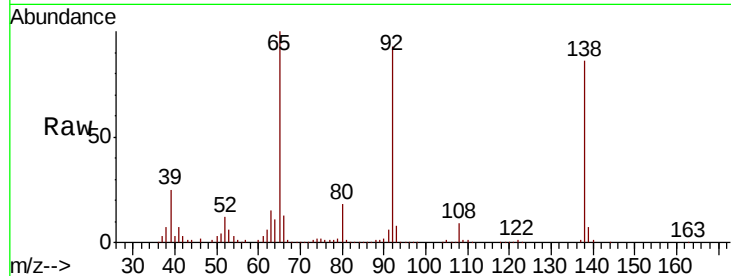
#53
3-Nitroaniline
Concen: 22.874 ng
RT: 9.57 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
138	100	210593		
108	9.9	7.8	11.6	
92	107.4	82.9	124.3	

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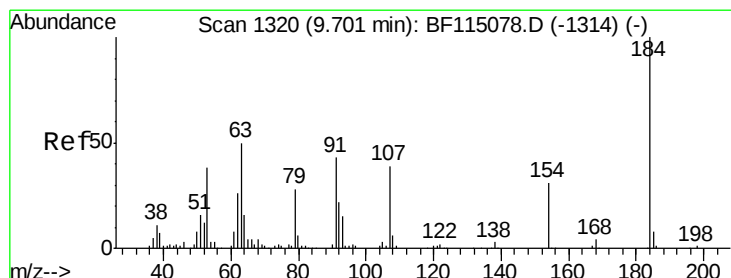
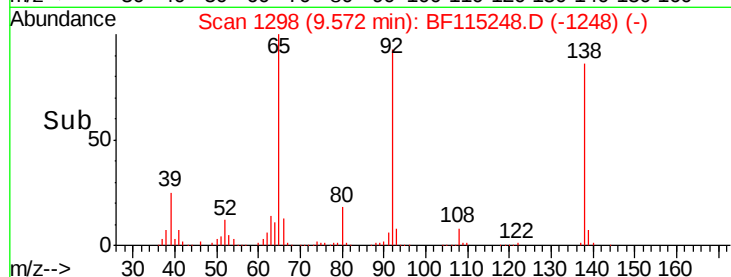
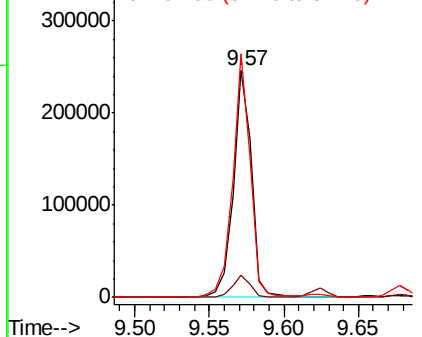


Abundance

Ion 138.00 (137.70 to 138.70): E

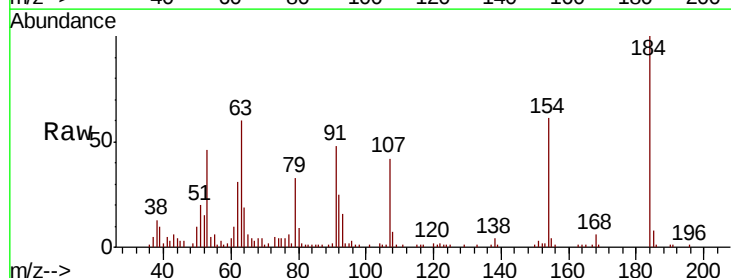
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 17.294 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	42530		
63	60.1	41.9	62.9	
154	61.0	44.7	67.1	

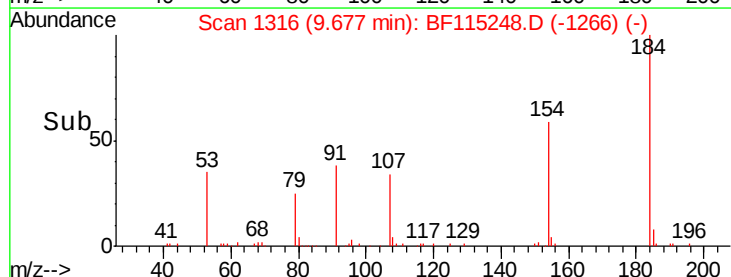
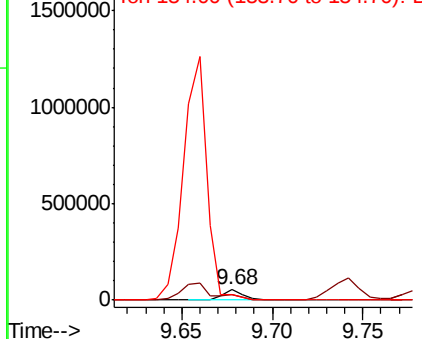


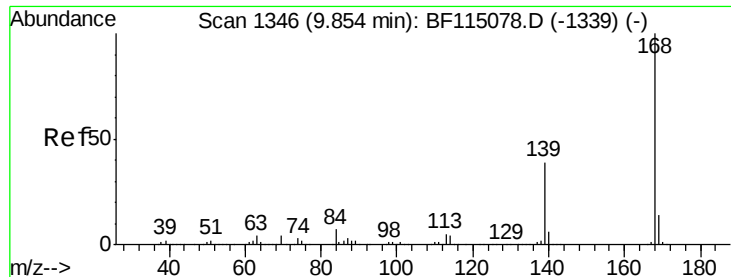
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





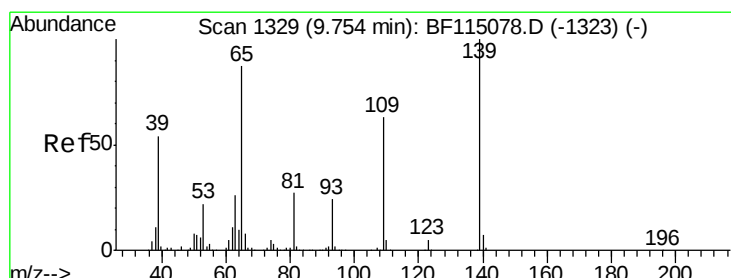
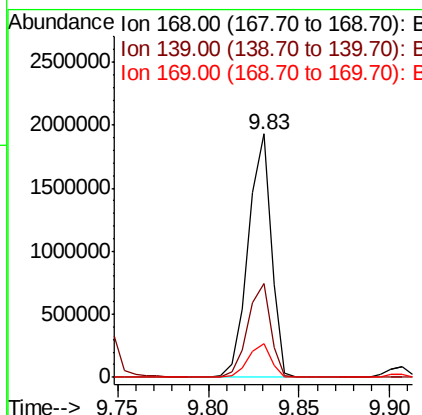
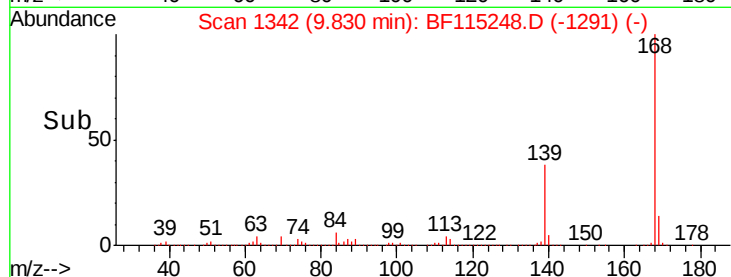
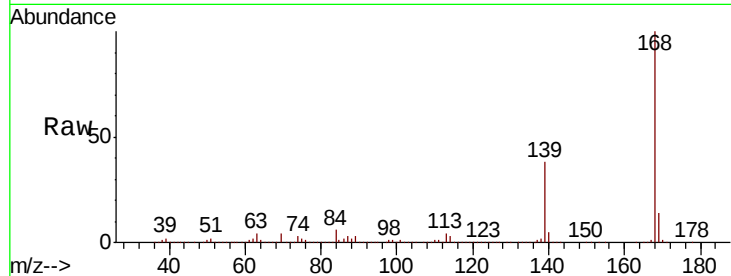
#55
Dibenzofuran
Concen: 42.206 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion:168 Resp: 1702544
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 14.0 11.3 16.9

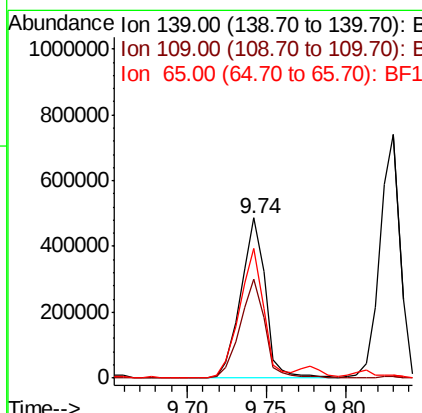
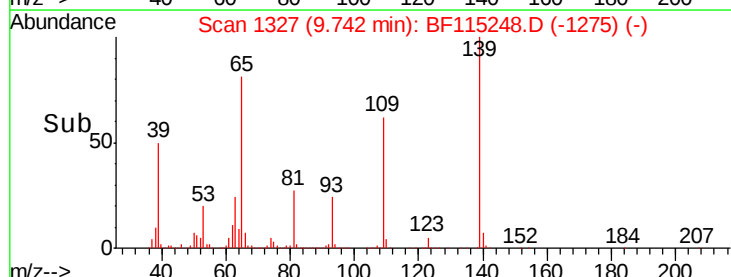
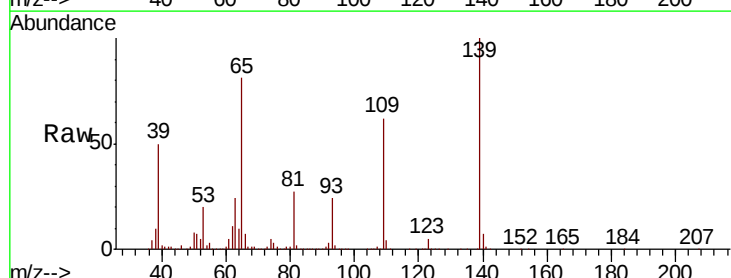
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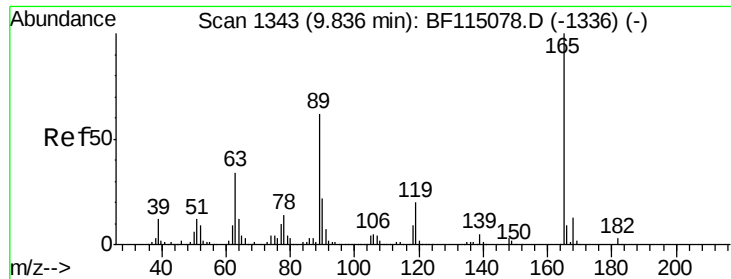
mohammad
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#56
4-Nitrophenol
Concen: 71.309 ng
RT: 9.74 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:139 Resp: 526319
Ion Ratio Lower Upper
139 100
109 62.1 43.0 83.0
65 80.9 67.0 107.0





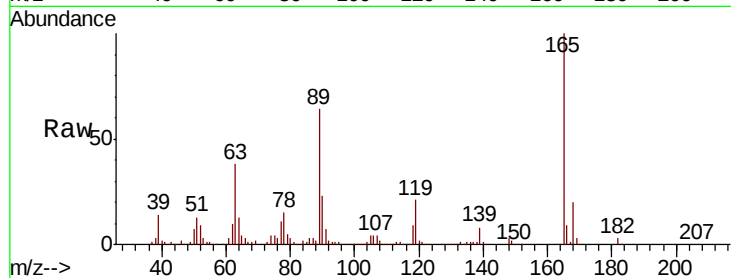
#57
 2,4-Dinitrotoluene
 Concen: 45.230 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

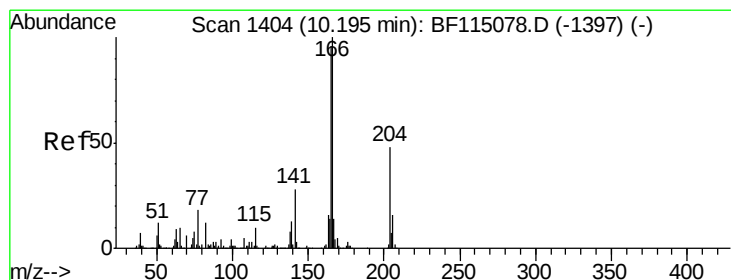
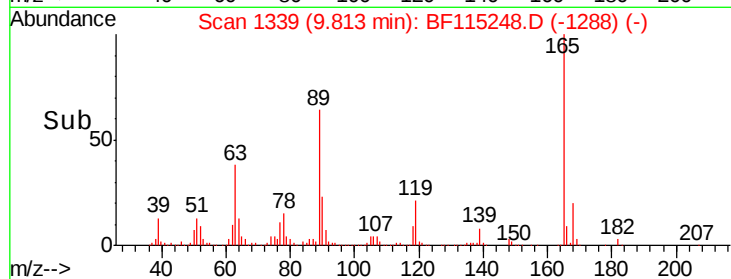
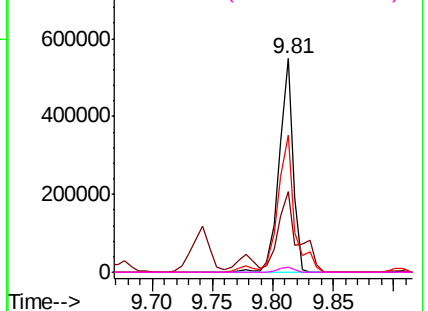
Tot Ion:	165	Resp:	440594
Ion Ratio	Lower	Upper	
165	100		
63	37.7	27.5	41.3
89	64.3	49.9	74.9
182	2.6	2.1	3.1

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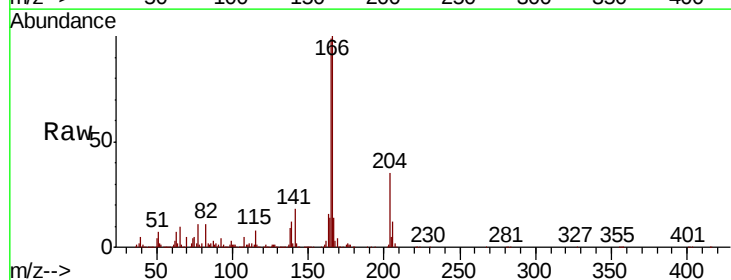


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

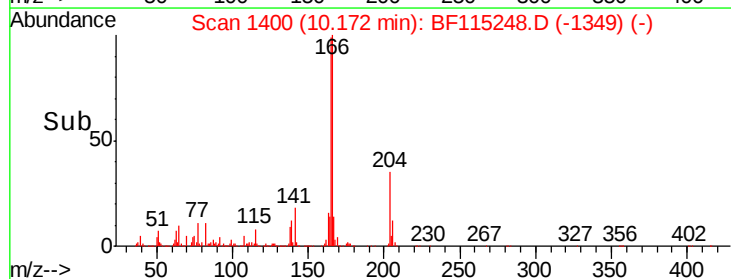
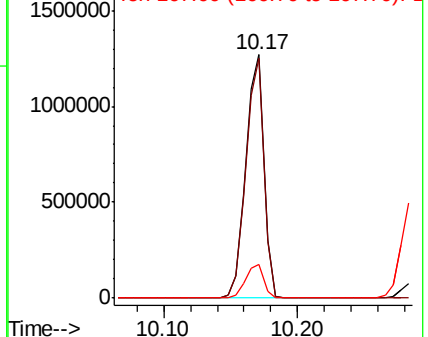


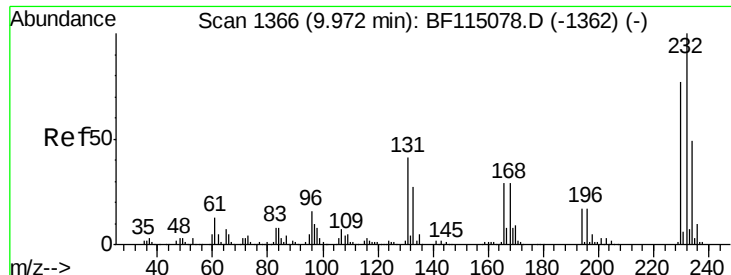
#58
 Fluorene
 Concen: 43.945 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:	166	Resp:	1184394
Ion Ratio	Lower	Upper	
166	100		
165	98.5	76.5	114.7
167	13.7	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





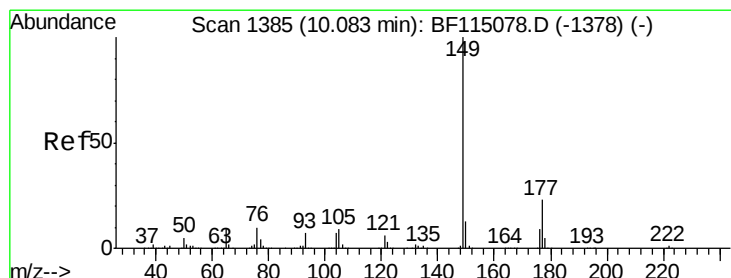
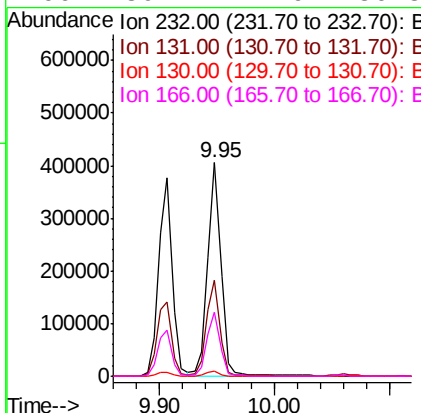
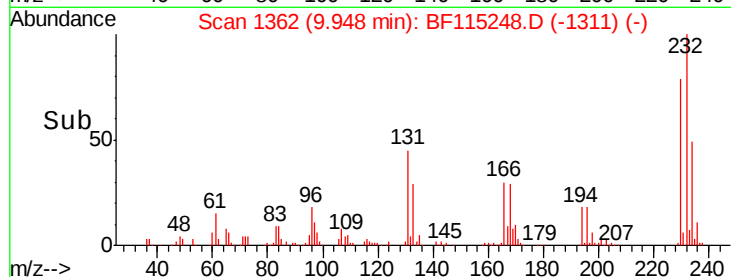
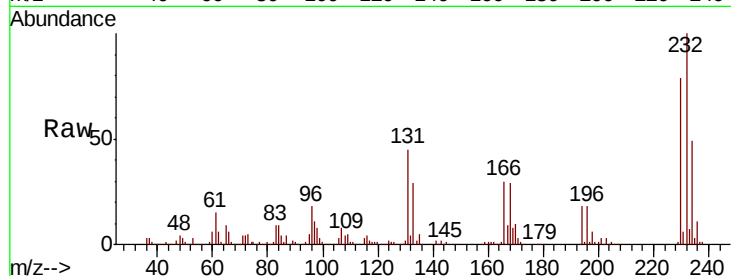
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.084 ng
RT: 9.95 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.4	56.0
130	2.3	1.8	2.6
166	30.2	24.6	36.8

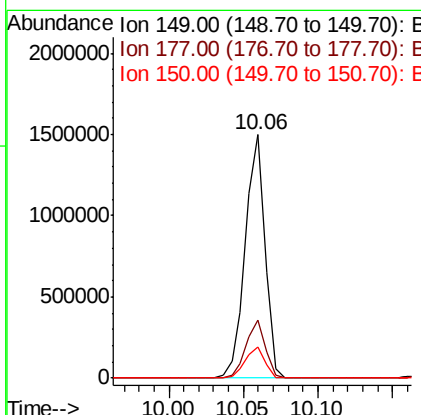
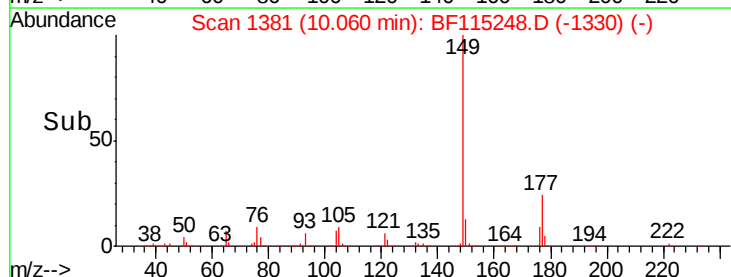
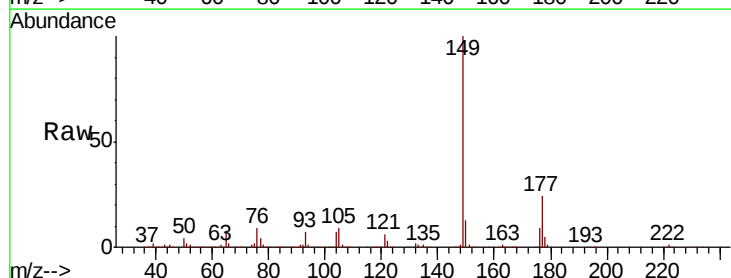
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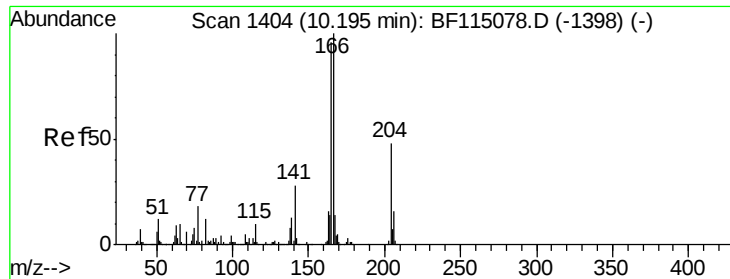
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#60
Diethylphthalate
Concen: 41.778 ng
RT: 10.06 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	13.0	10.4	15.6





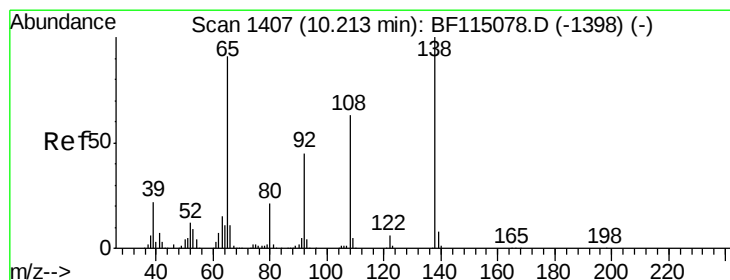
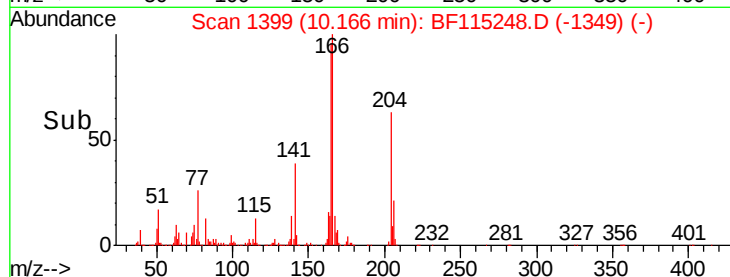
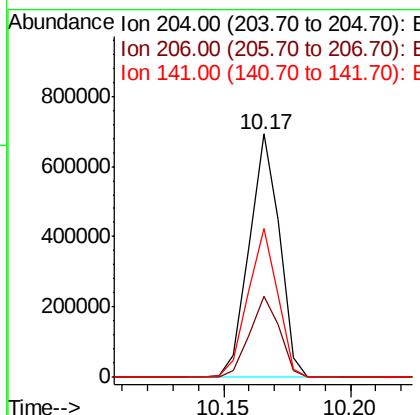
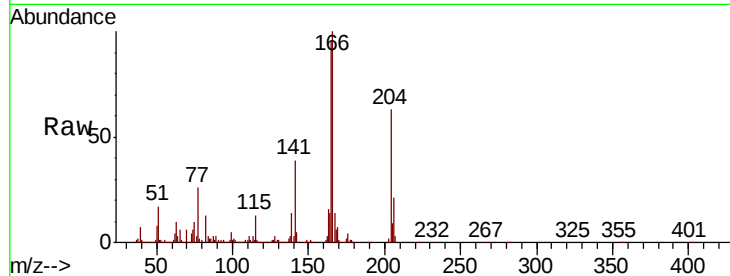
#61
 4-Chlorophenyl-phenylether
 Concen: 45.180 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	61.1	46.7	70.1

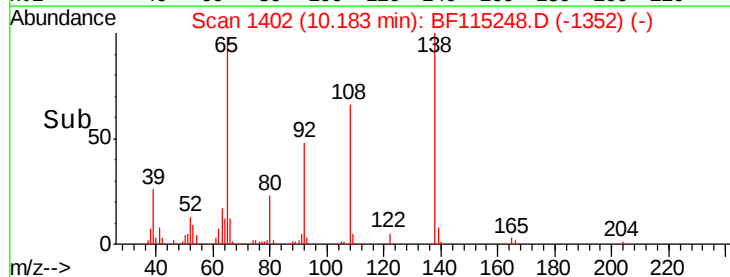
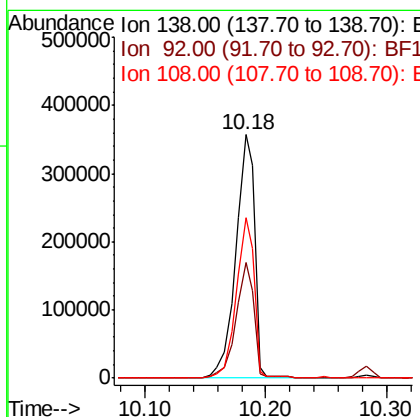
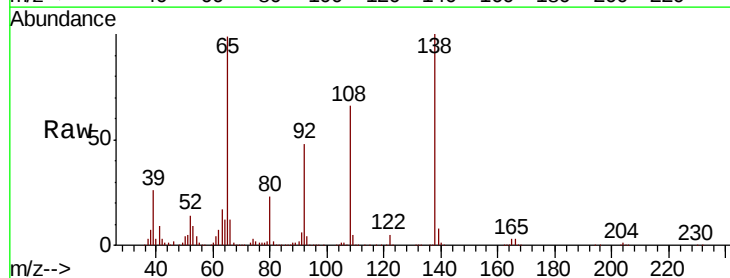
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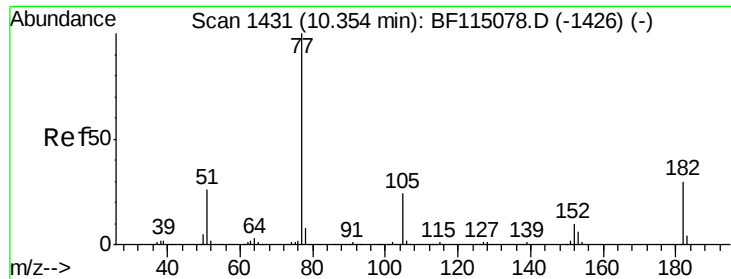
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#62
 4-Nitroaniline
 Concen: 42.189 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	24.8	64.8
108	65.8	43.3	83.3





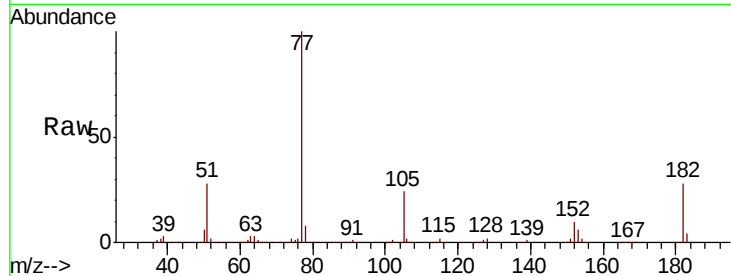
#63
Azobenzene
Concen: 41.731 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	10.1	50.1	
105	24.1	4.5	44.5	
51	27.5	6.4	46.4	

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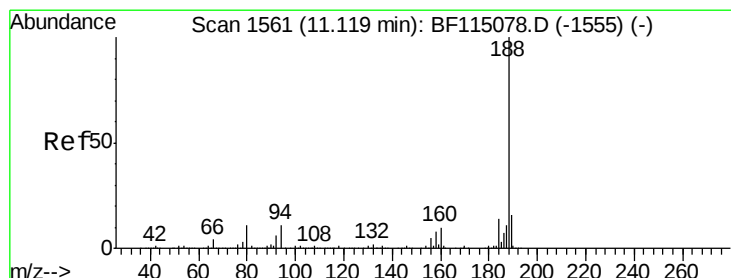
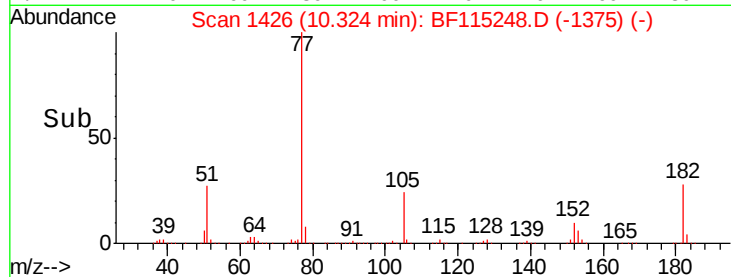
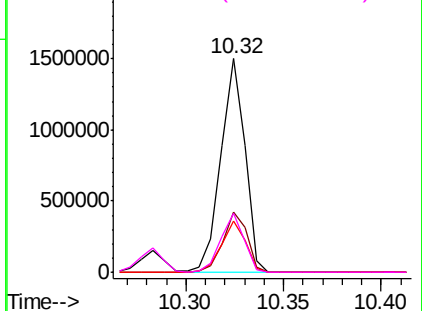
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

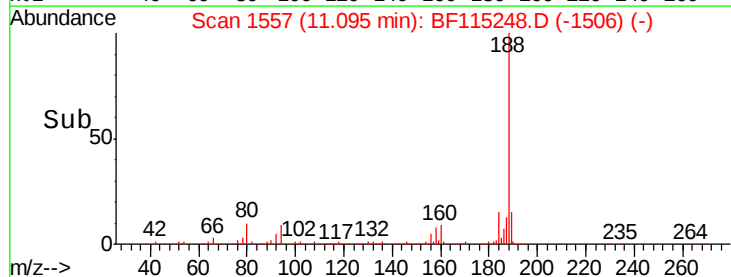
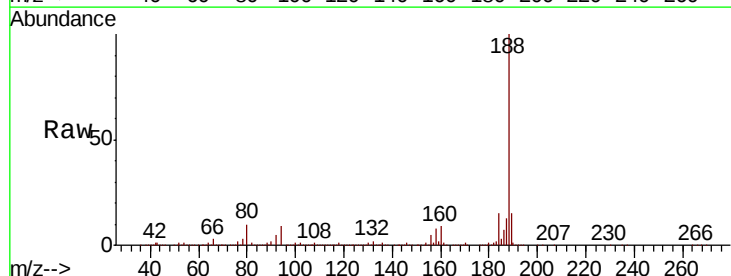
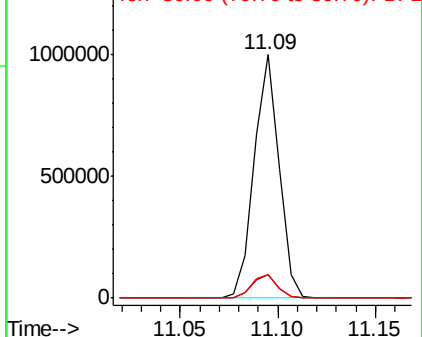
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.6	12.8	
80	9.8	8.8	13.2	

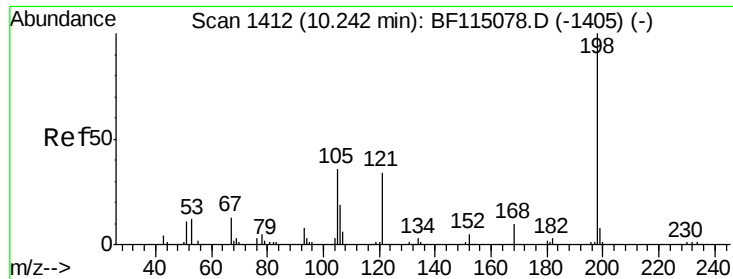
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 17.017 ng

RT: 10.21 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

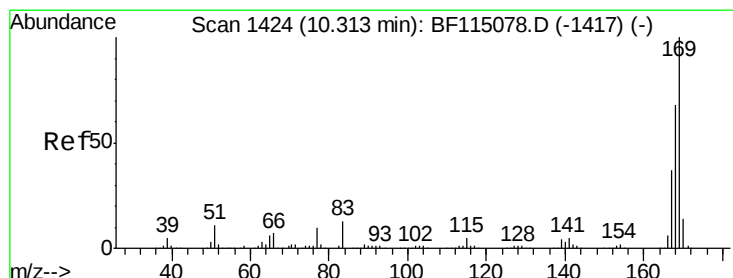
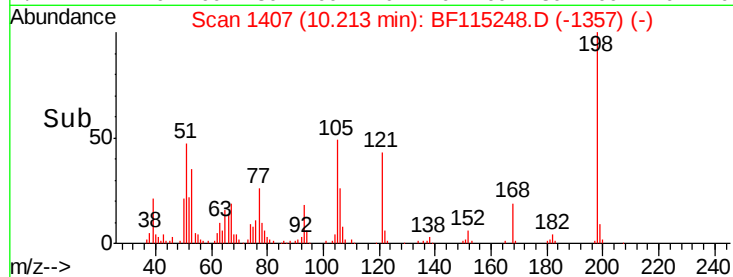
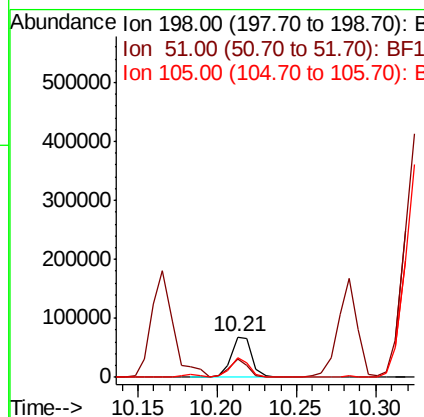
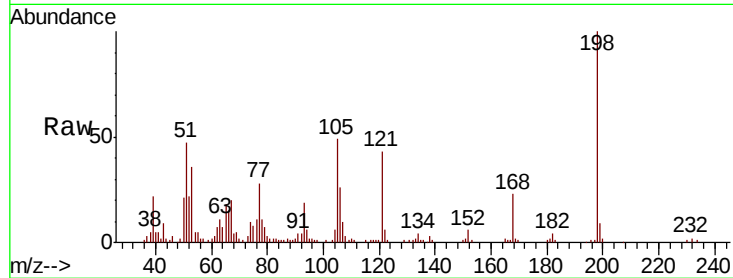
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	198	Resp:	62961
Ion Ratio	Lower	Upper	
198	100		
51	47.1	11.0	51.0
105	49.3	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 42.650 ng

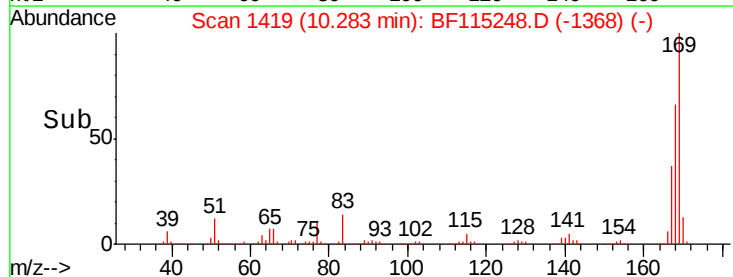
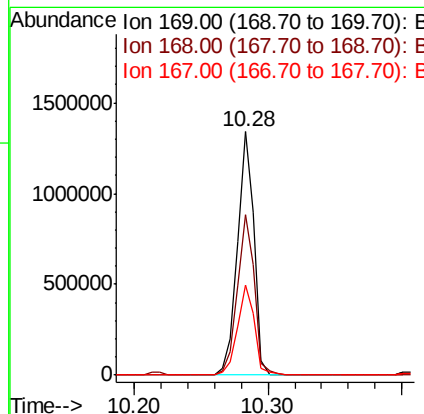
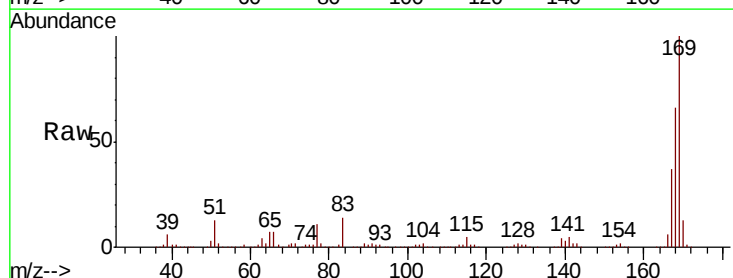
RT: 10.28 min Scan# 1419

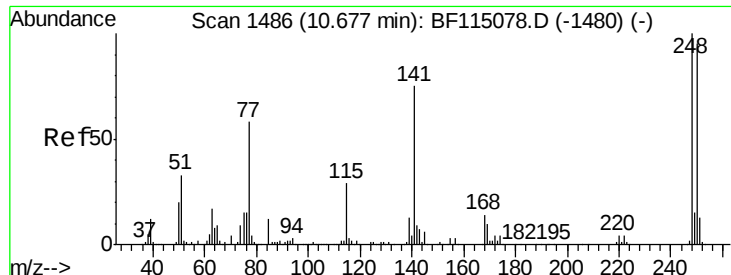
Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Tgt Ion:	169	Resp:	1169317
Ion Ratio	Lower	Upper	
169	100		
168	66.1	54.2	81.4
167	36.8	29.4	44.0





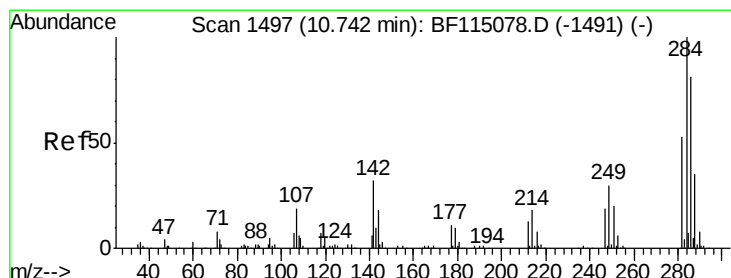
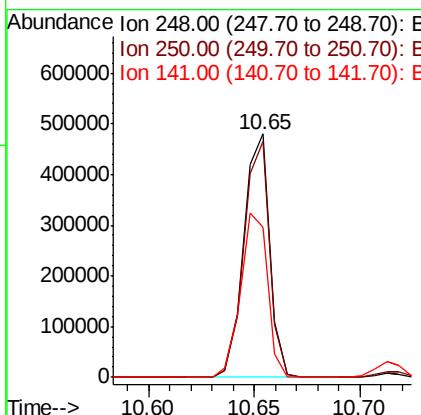
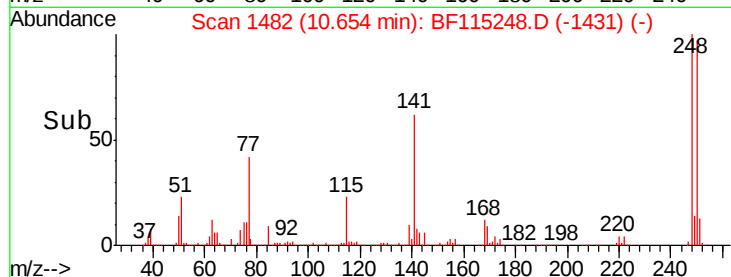
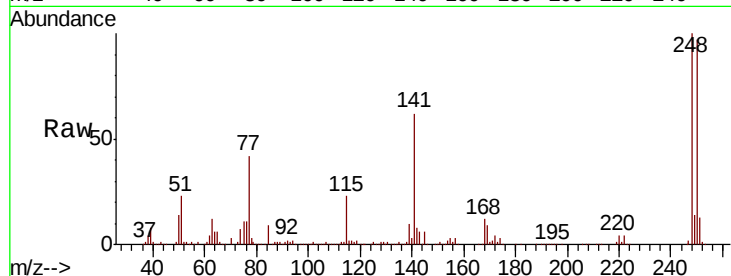
#67
4-Bromophenyl-phenylether
Concen: 42.695 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.2	114.2
141	61.9	59.6	89.4

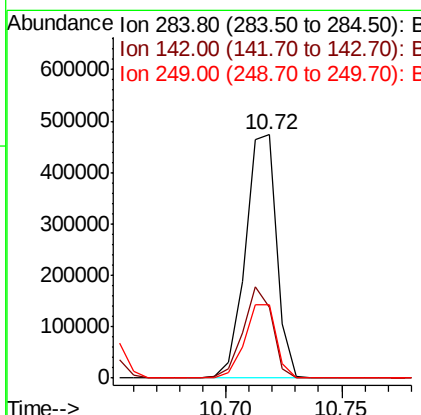
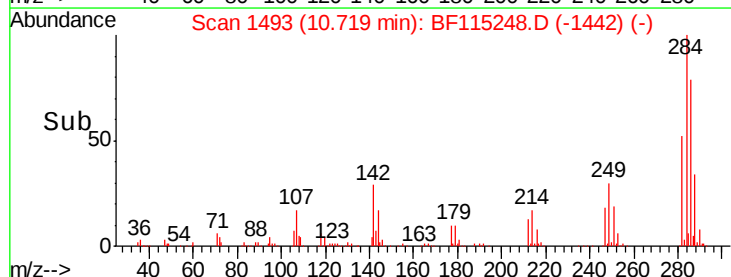
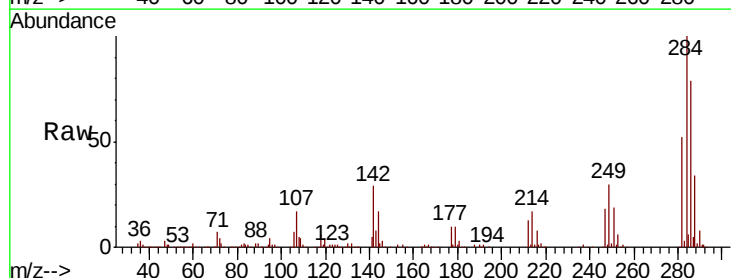
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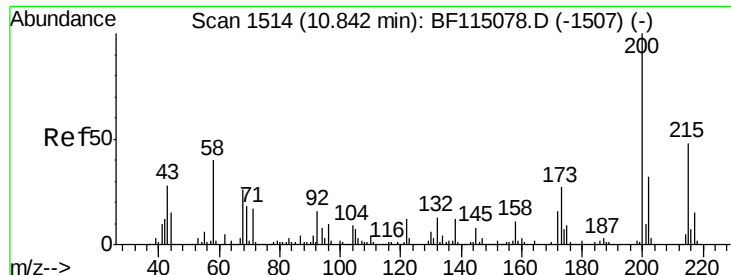
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#68
Hexachlorobenzene
Concen: 43.310 ng
RT: 10.72 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	25.8	38.8
249	29.9	24.2	36.4





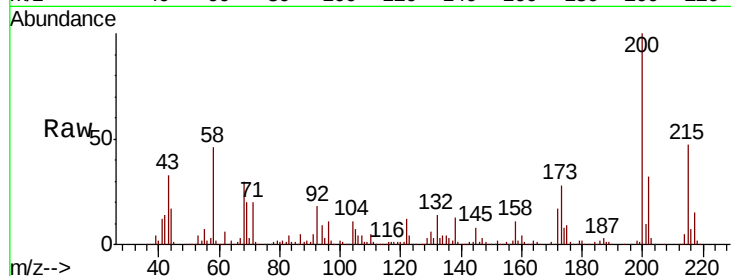
#69
Atrazine
Concen: 43.372 ng
RT: 10.81 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	7.4	47.4
215	46.7	27.8	67.8

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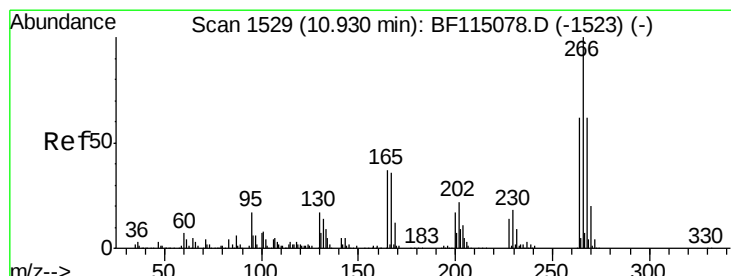
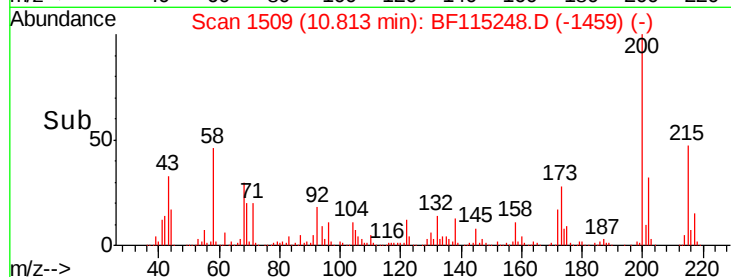
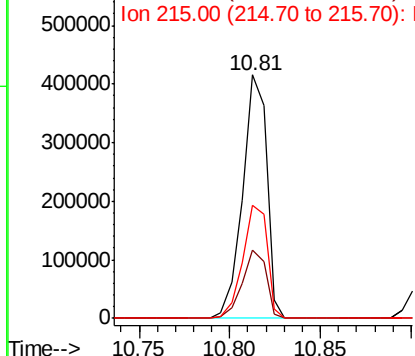


Abundance

Ion 200.00 (199.70 to 200.70): E

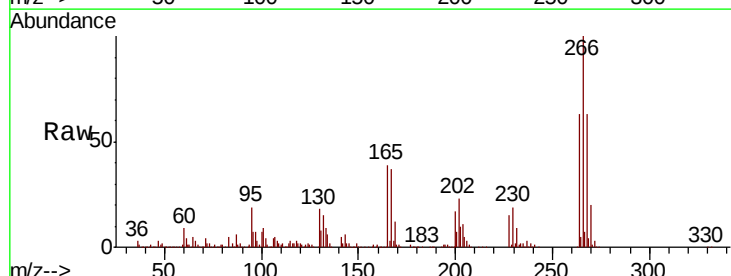
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 47.239 ng
RT: 10.91 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	49.5	74.3
264	62.5	49.3	73.9

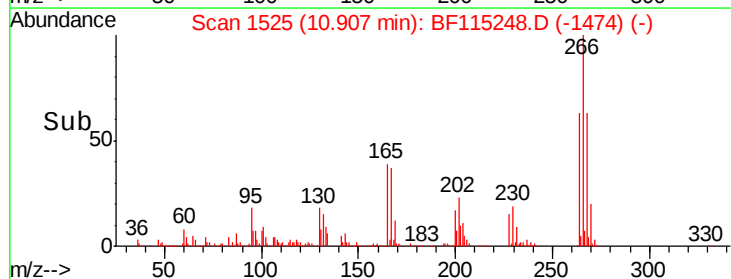
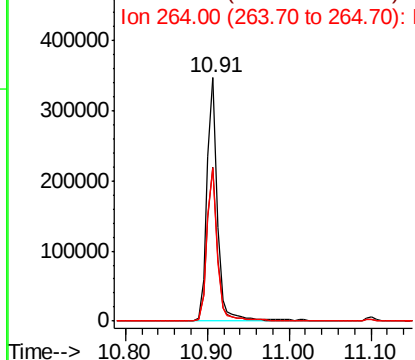


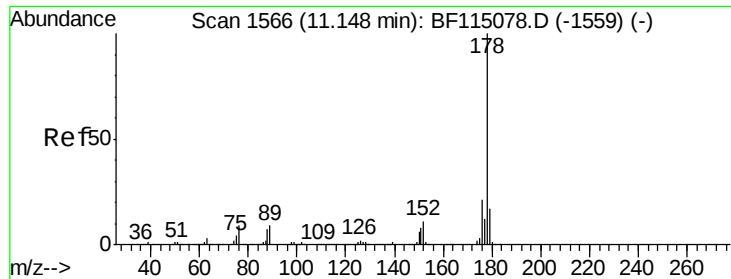
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





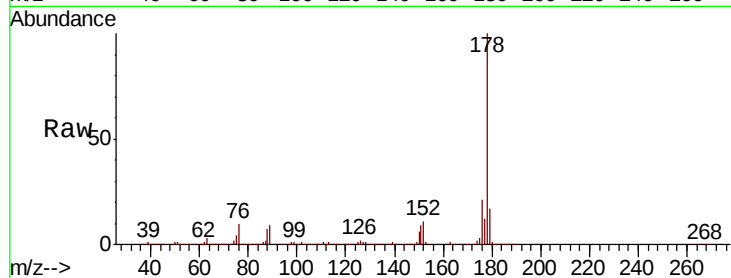
#71
Phenanthrene
Concen: 41.146 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

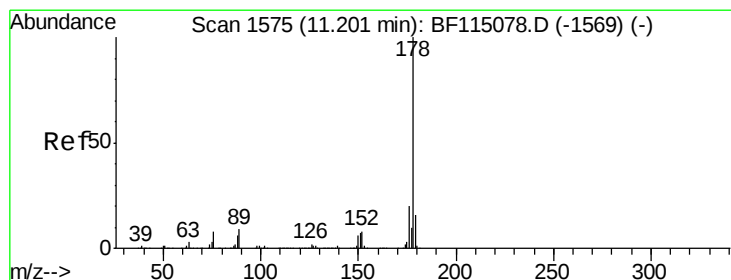
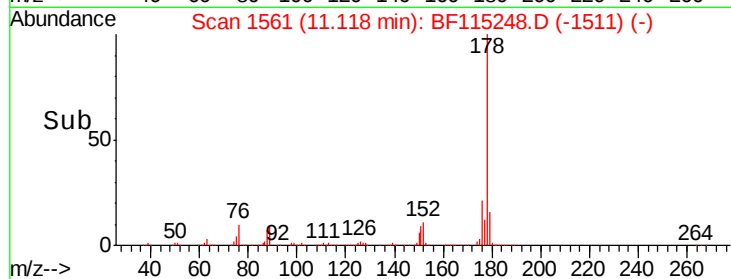
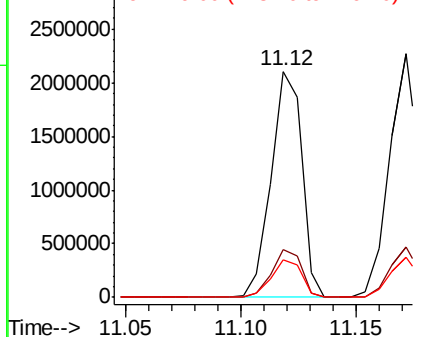
Tot Ion:178 Resp: 1949542
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.7 13.2 19.8

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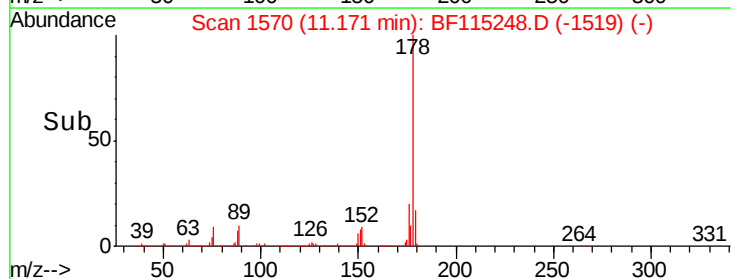
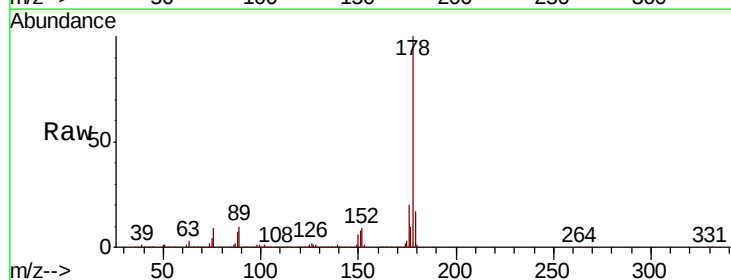
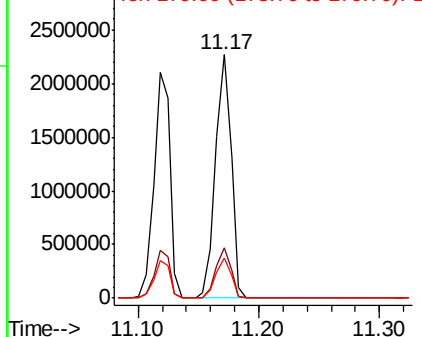
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

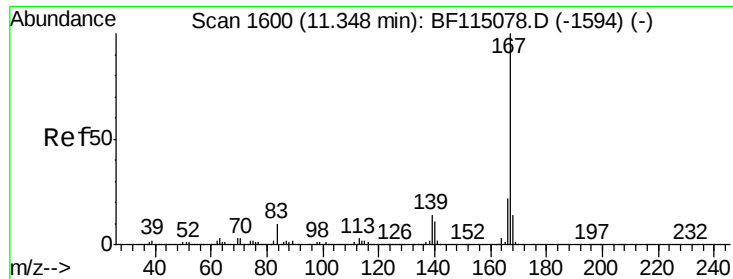


#72
Anthracene
Concen: 42.160 ng
RT: 11.17 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:178 Resp: 2016395
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.6 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





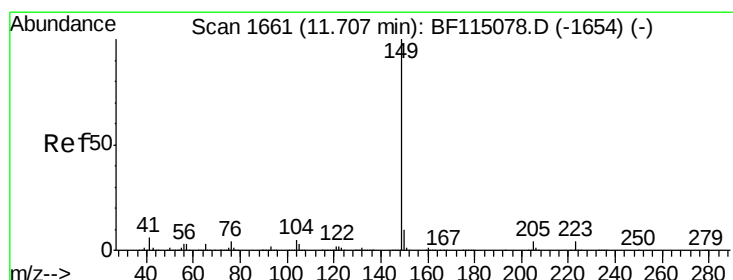
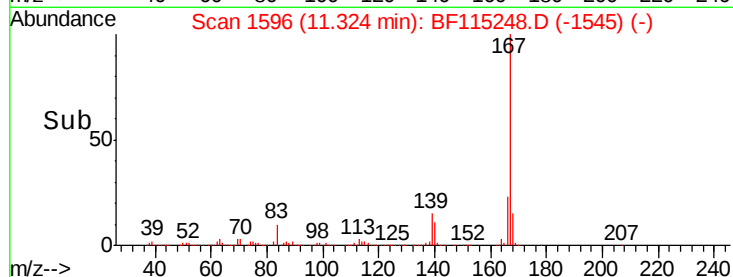
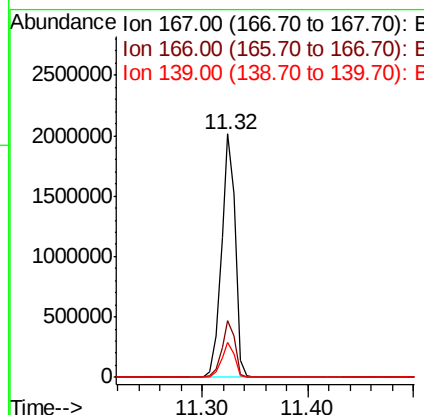
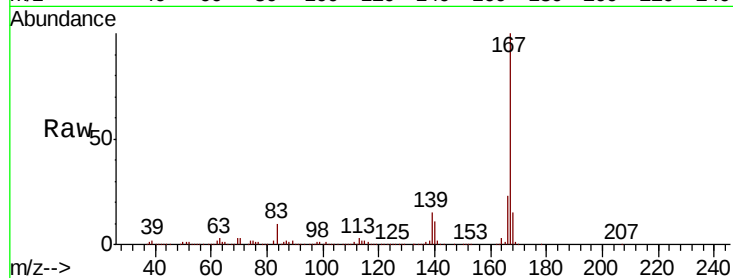
#73
 Carbazole
 Concen: 43.437 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion:167 Resp: 1855116
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.6 11.1 16.7

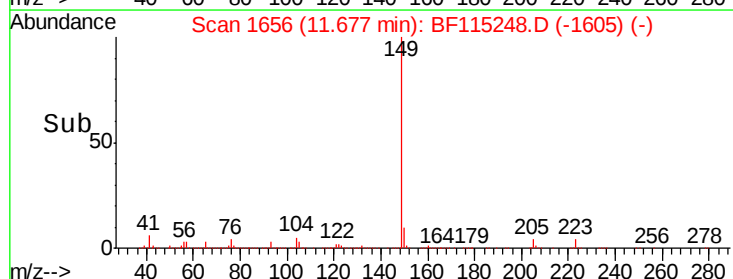
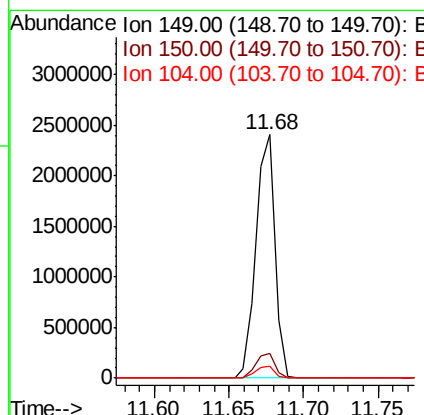
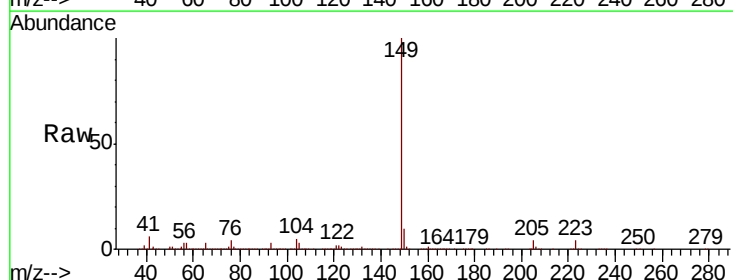
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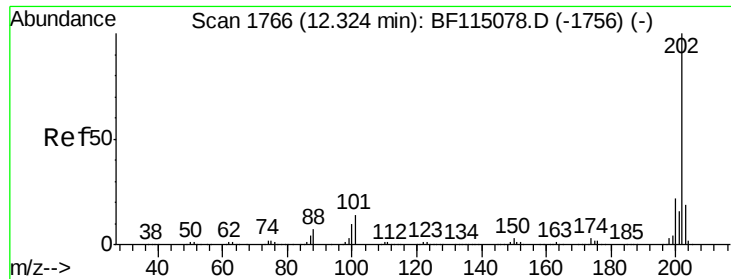
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.490 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:149 Resp: 2096944
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.7 5.5





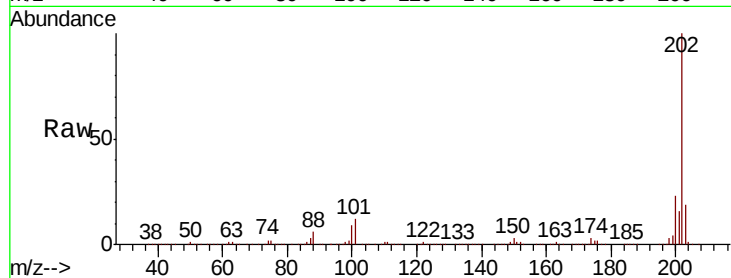
#75
Fluoranthene
Concen: 43.817 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2071389		
101	12.4		0.0	34.0
203	18.9		0.0	38.8

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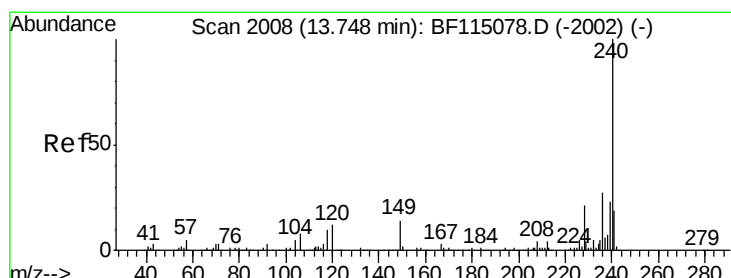
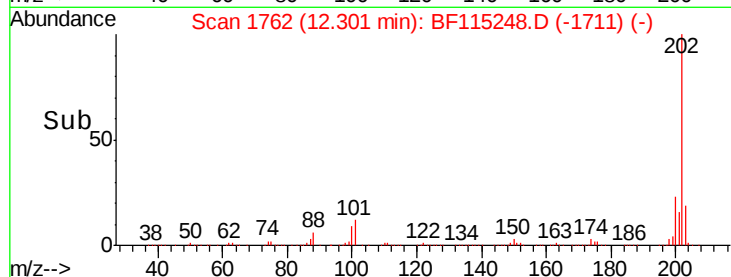
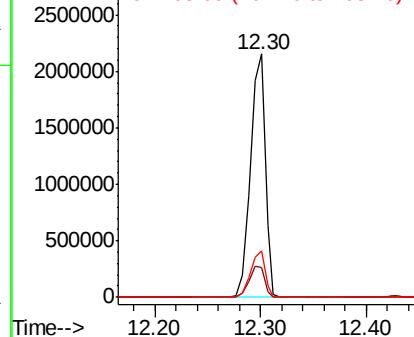


Abundance

Ion 202.00 (201.70 to 202.70): E

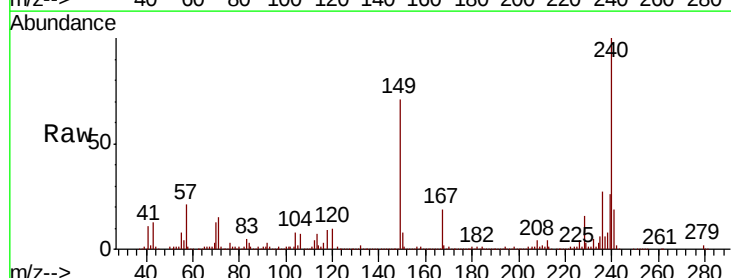
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	698943		
120	10.3		9.4	14.2
236	27.1		21.7	32.5

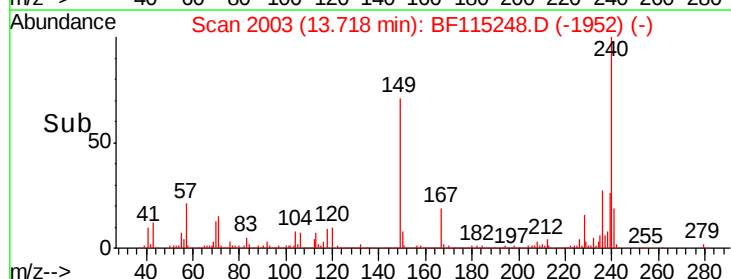
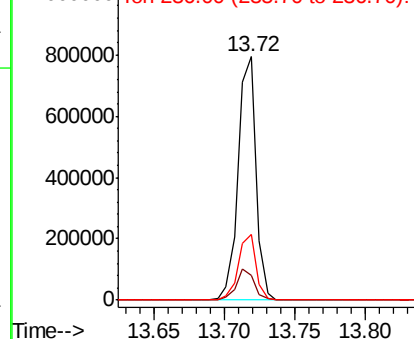


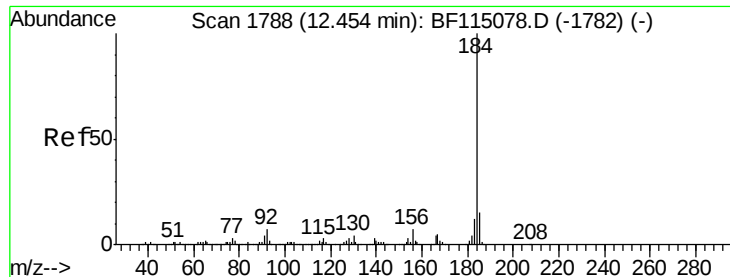
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.604 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

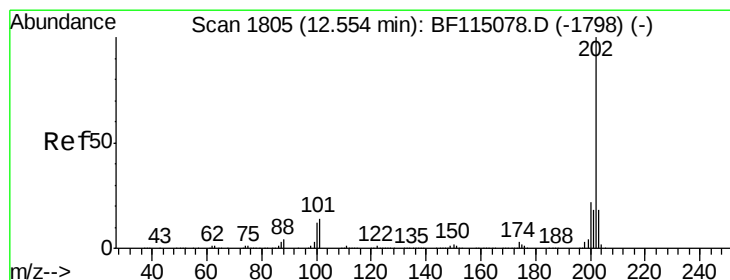
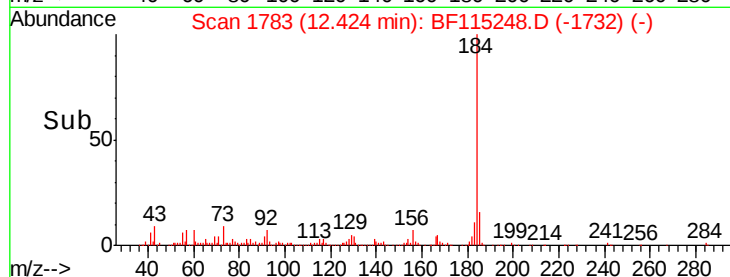
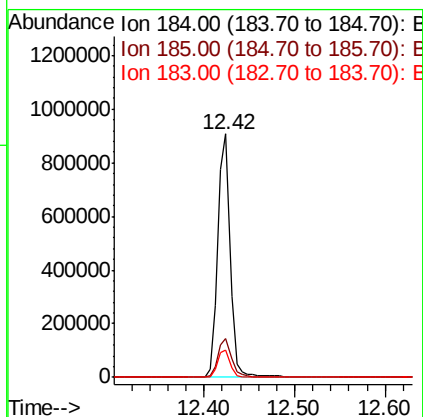
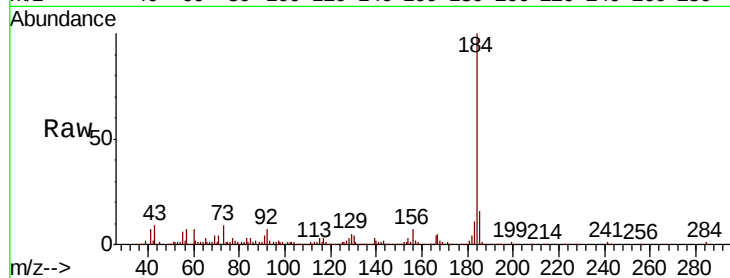
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIMENT

Tot Ion:	184	Resp:	856727
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.2	18.2
183	11.5	9.6	14.4

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#78

Pyrene

Concen: 39.267 ng

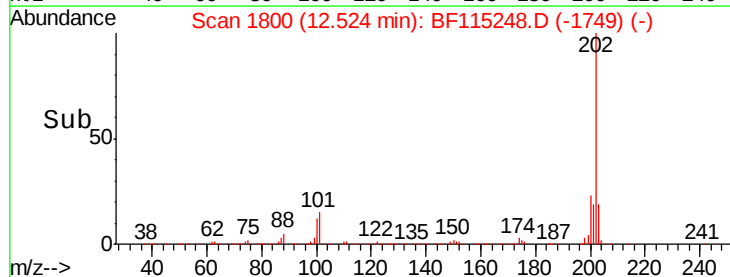
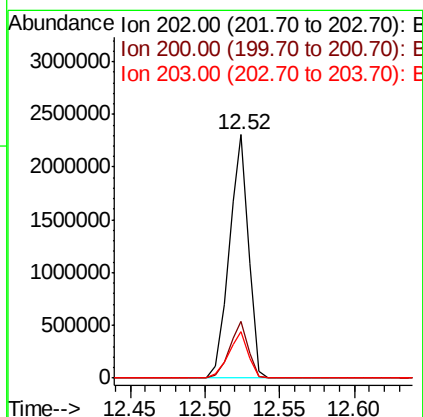
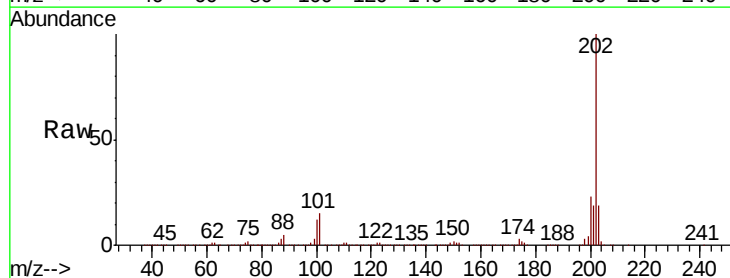
RT: 12.52 min Scan# 1800

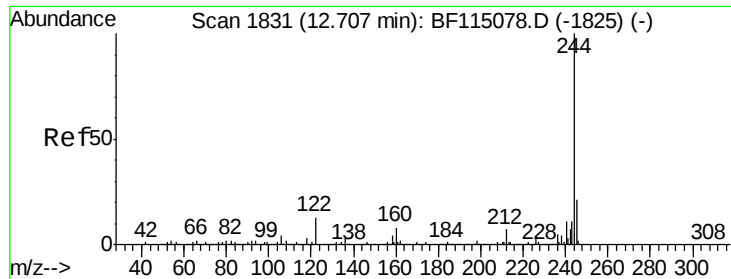
Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Tgt Ion:	202	Resp:	2109208
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.9	26.9
203	19.0	14.6	21.8





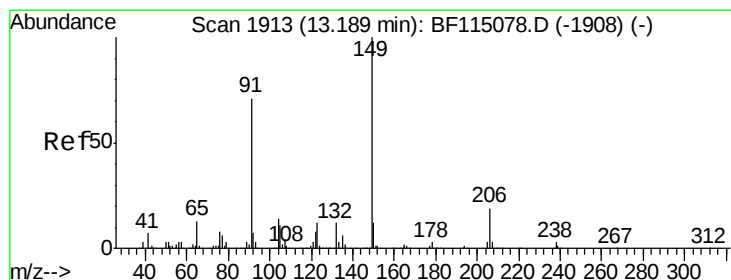
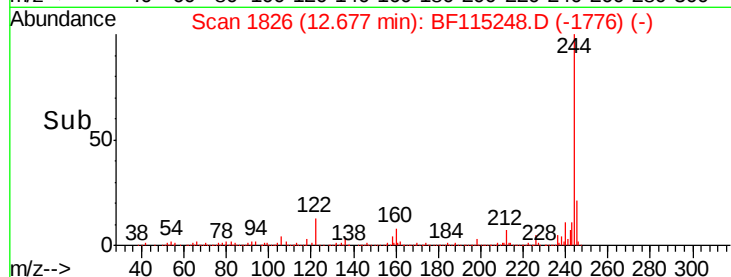
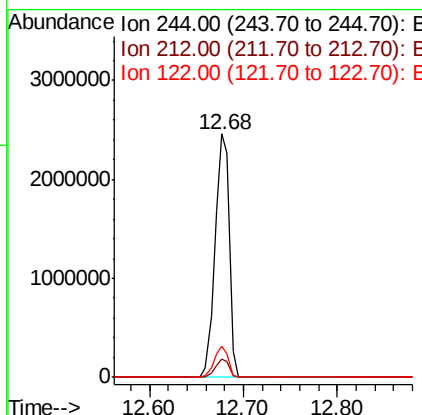
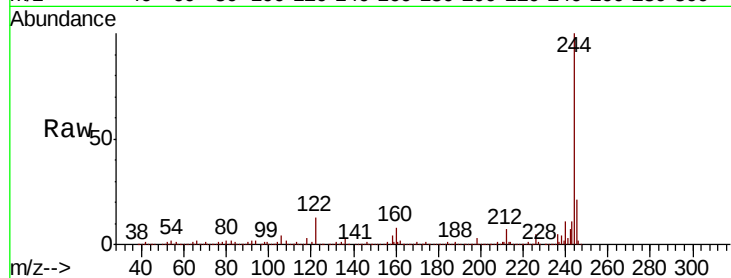
#79
 Terphenyl-d14
 Concen: 79.727 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion:244 Resp: 2620910
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.8 10.4 15.6

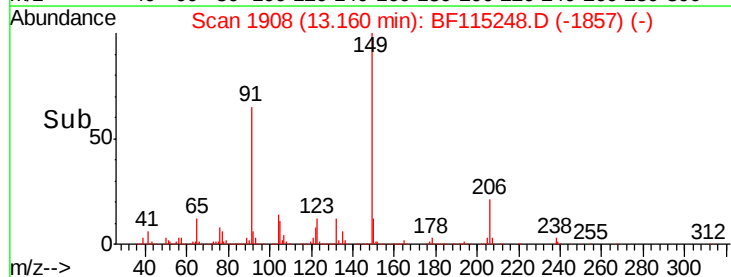
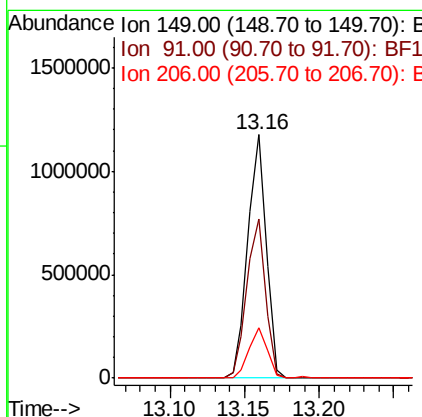
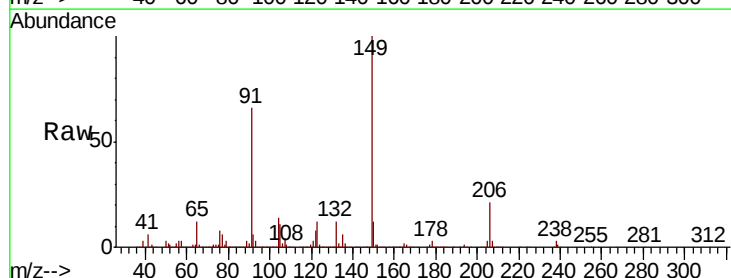
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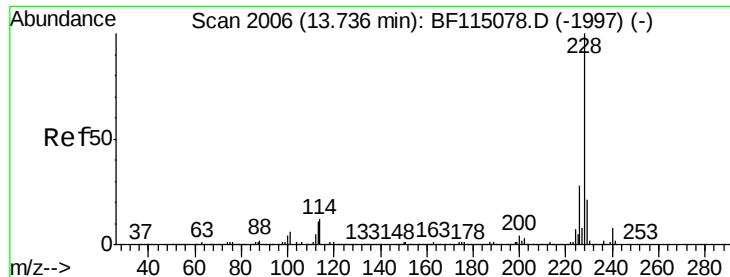
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#80
 Butylbenzylphthalate
 Concen: 42.605 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:149 Resp: 1009935
 Ion Ratio Lower Upper
 149 100
 91 65.6 56.5 84.7
 206 20.7 15.3 22.9





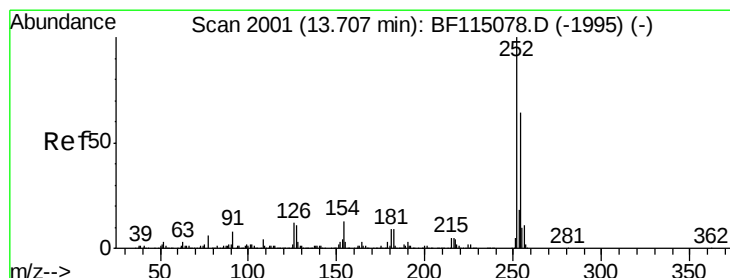
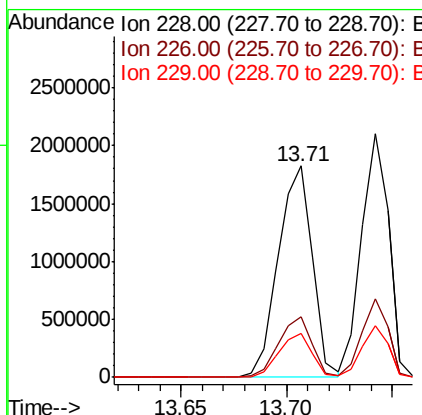
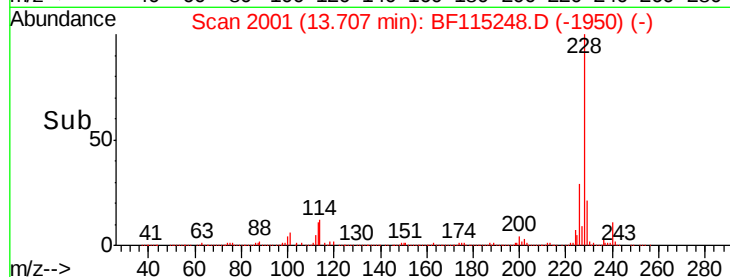
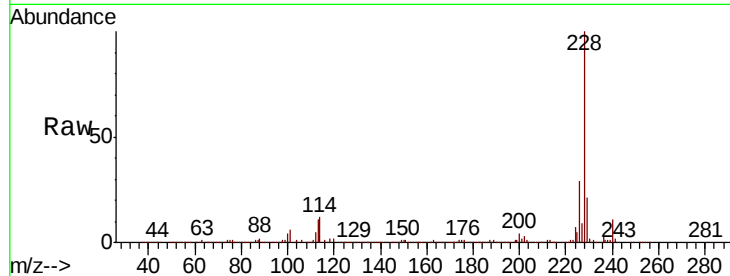
#81
Benzo(a)anthracene
Concen: 40.790 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion:228 Resp: 2045703
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 21.0 16.6 24.8

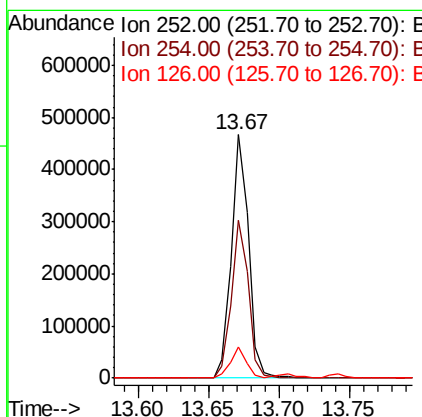
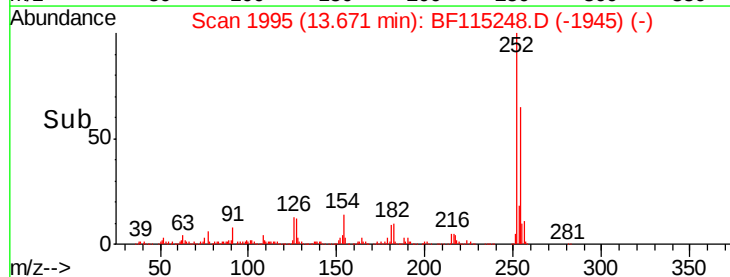
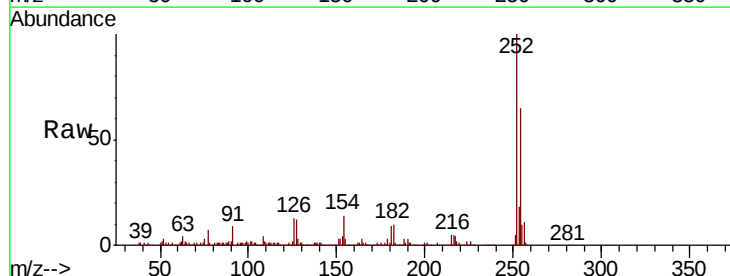
Manual Integrations
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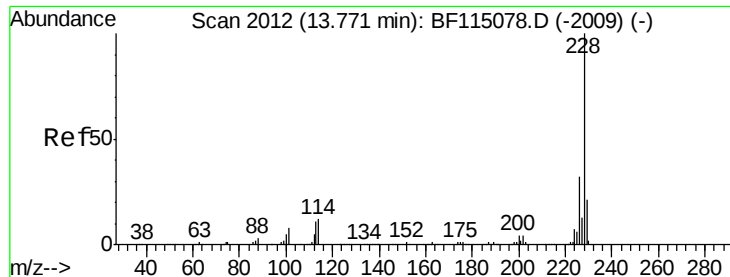
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#82
3,3'-Dichlorobenzidine
Concen: 21.878 ng
RT: 13.67 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:252 Resp: 396220
Ion Ratio Lower Upper
252 100
254 65.1 51.1 76.7
126 12.8 9.4 14.0





#83

Chrysene

Concen: 41.479 ng

RT: 13.74 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIMENT

Tot Ion:228 Resp: 1905528

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

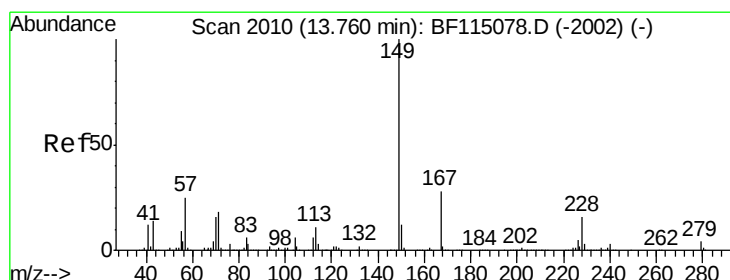
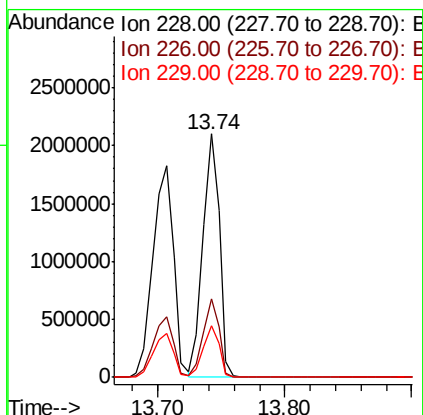
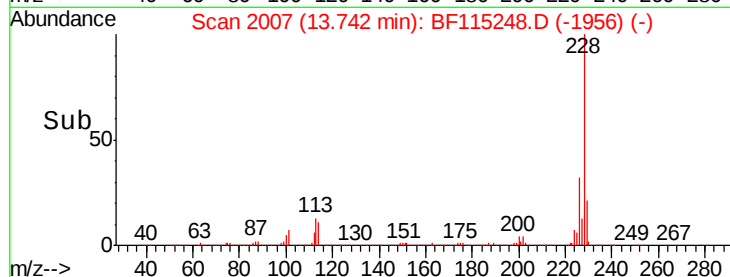
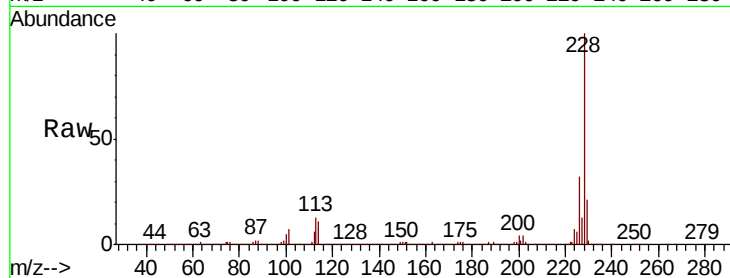
229 21.0 16.5 24.7

Manual Integrations

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.406 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

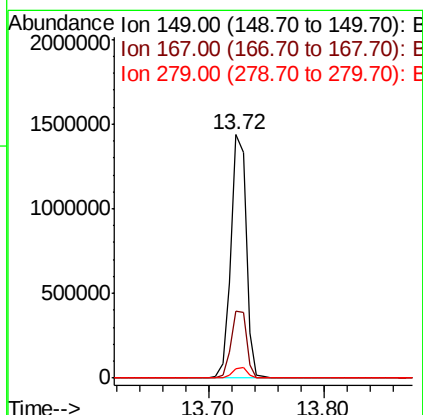
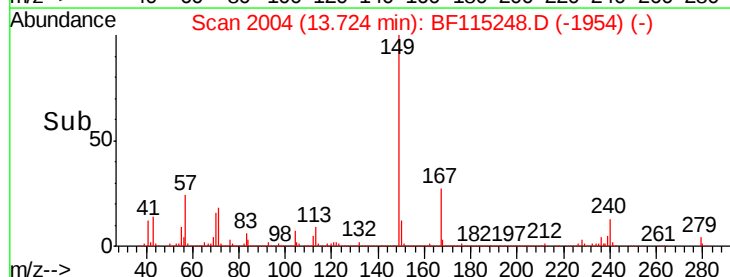
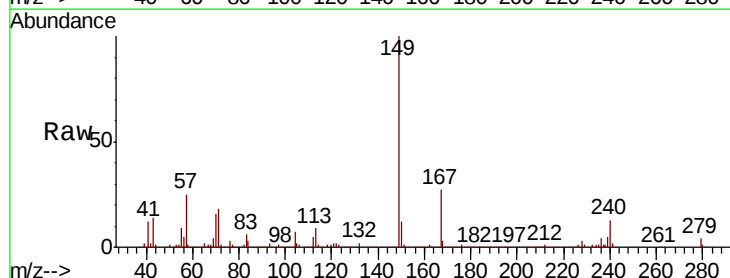
Tgt Ion:149 Resp: 1317144

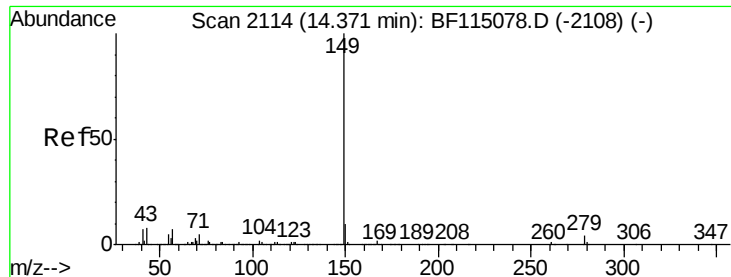
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 3.6 2.9 4.3





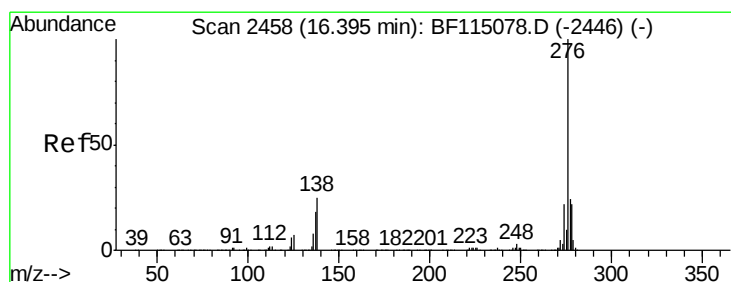
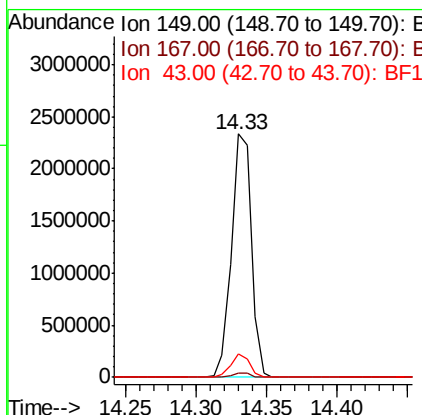
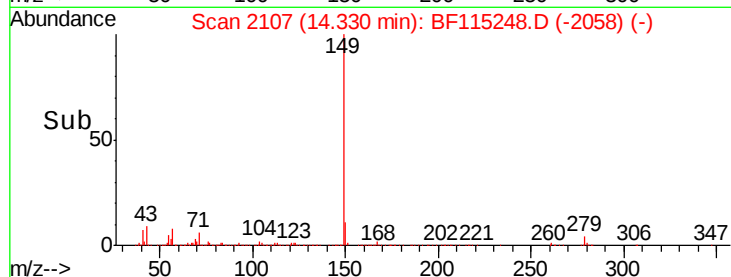
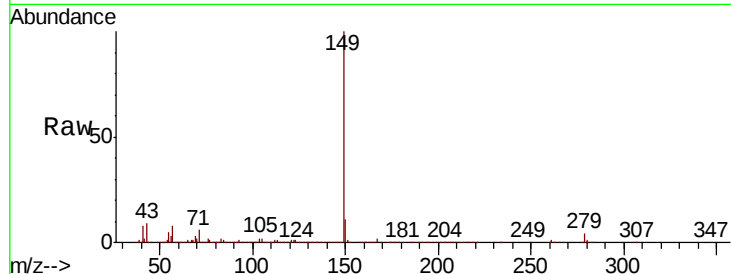
#85
Di-n-octyl phthalate
Concen: 44.096 ng
RT: 14.33 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.0	10.6

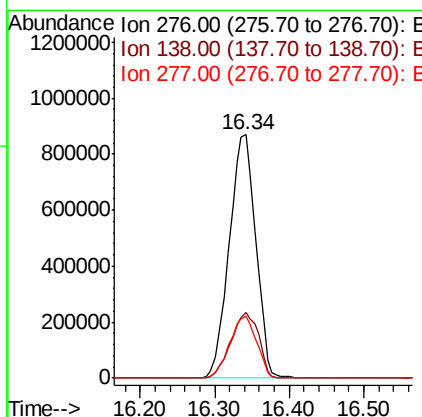
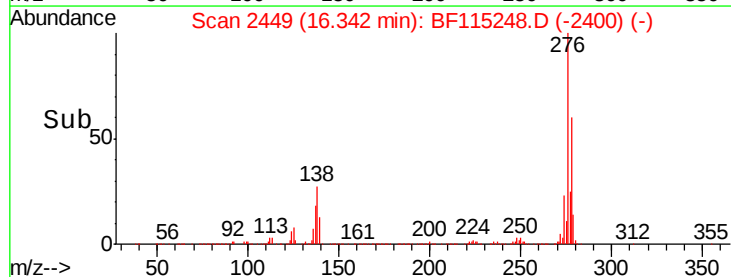
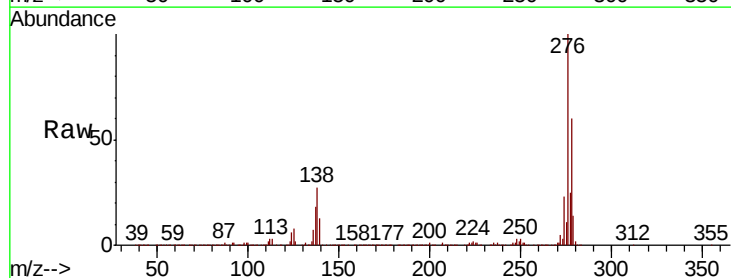
Manual Integrations
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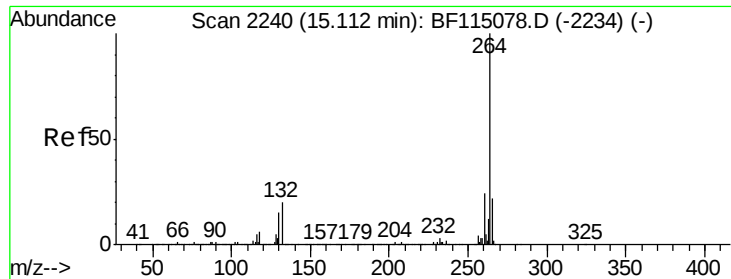
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.696 ng
RT: 16.34 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.2	34.8
277	25.7	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

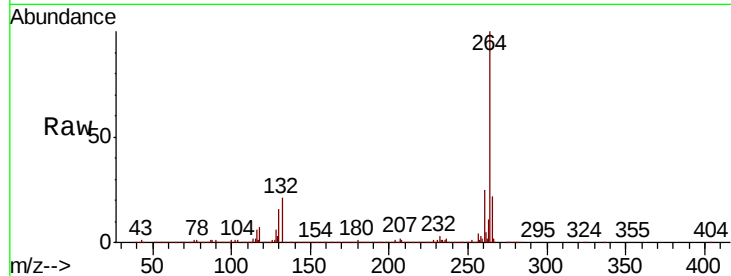
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

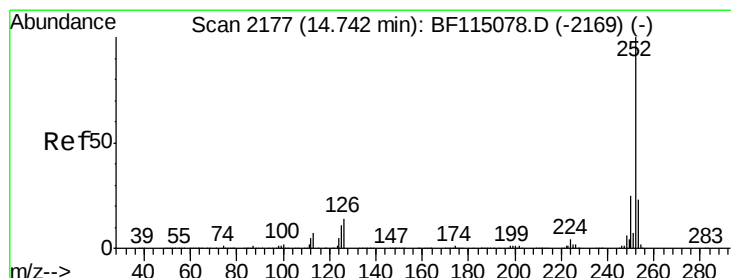
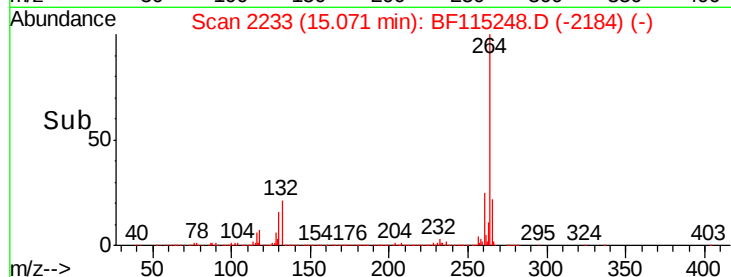
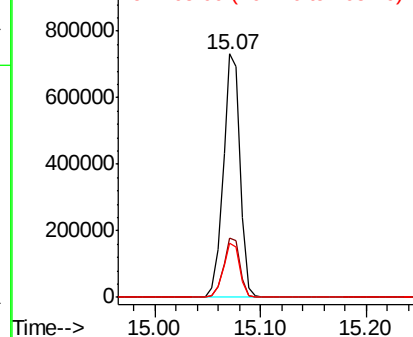
Tot Ion:	264	Resp:	817044
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.6	29.4
265	22.5	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.513 ng

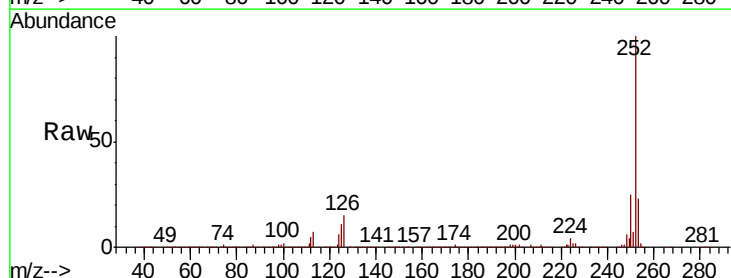
RT: 14.71 min Scan# 2171

Delta R.T. -0.01 min

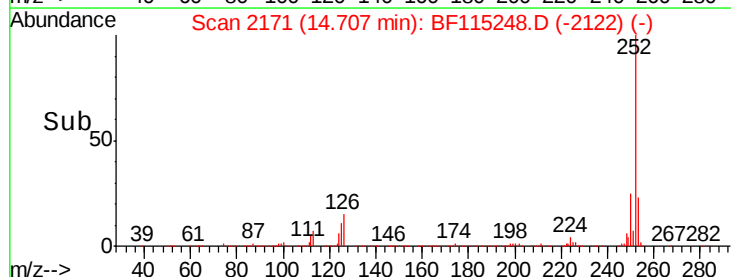
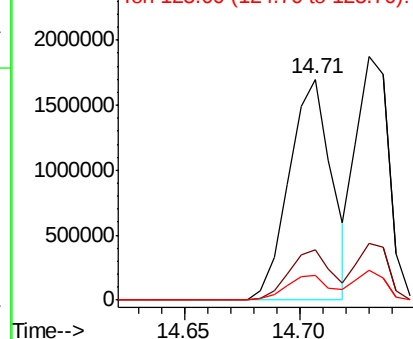
Lab File: BF115248.D

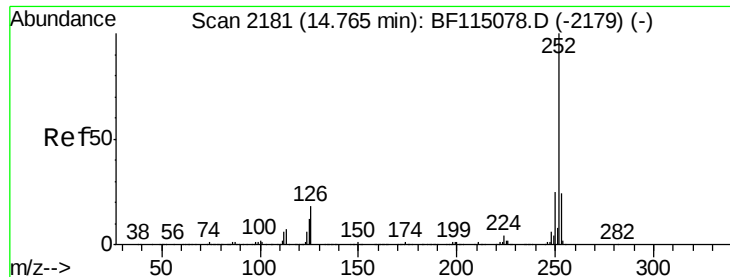
Acq: 27 Jun 2019 21:48

Tgt Ion:	252	Resp:	2167378
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	11.0	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





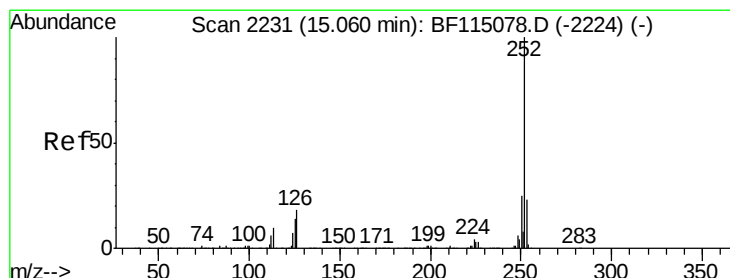
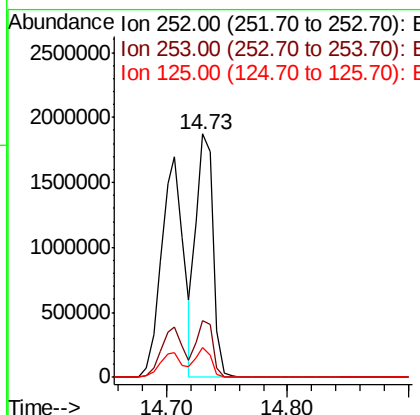
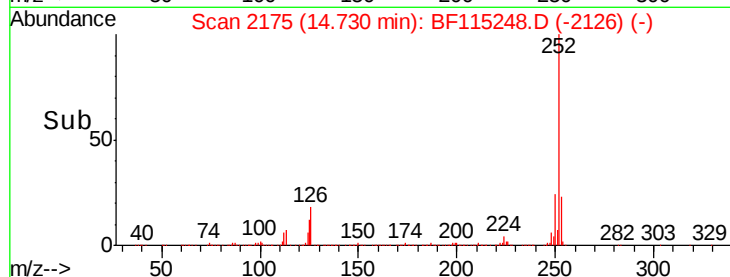
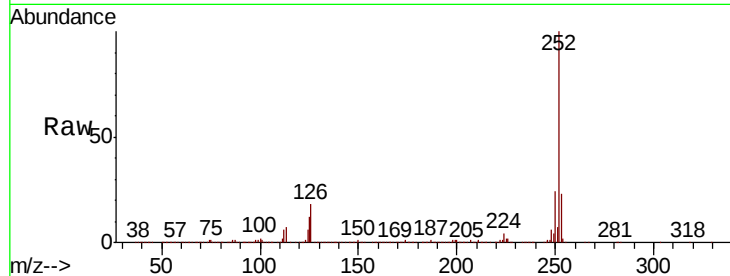
#89
Benzo(k)fluoranthene
Concen: 40.438 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion:252 Resp: 1848773
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 12.1 10.2 15.2

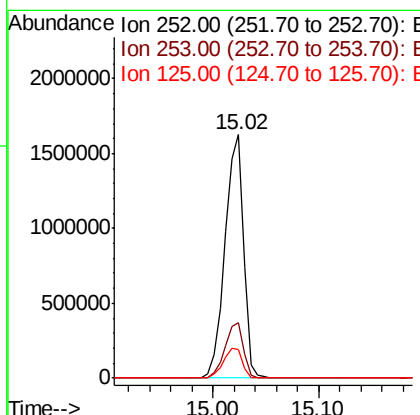
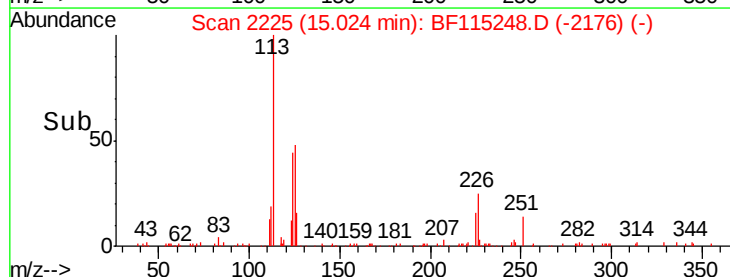
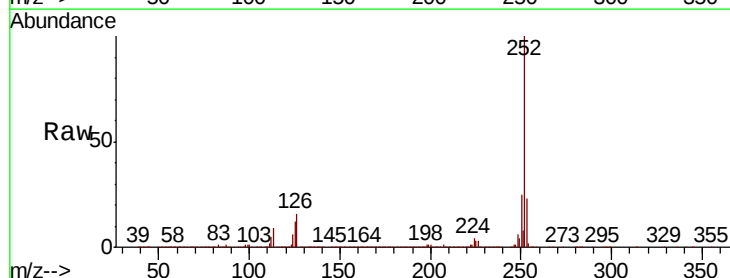
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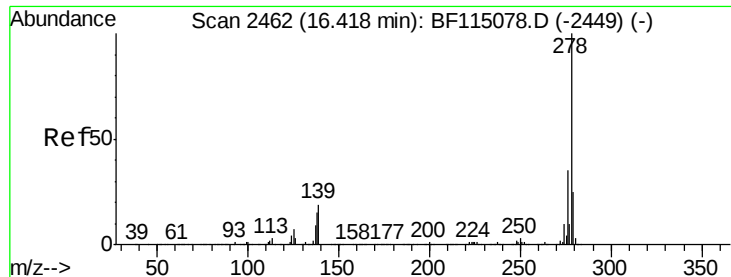
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#90
Benzo(a)pyrene
Concen: 43.136 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:252 Resp: 1982094
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 11.7 10.9 16.3





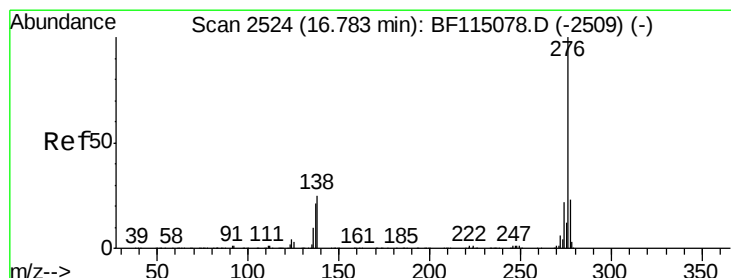
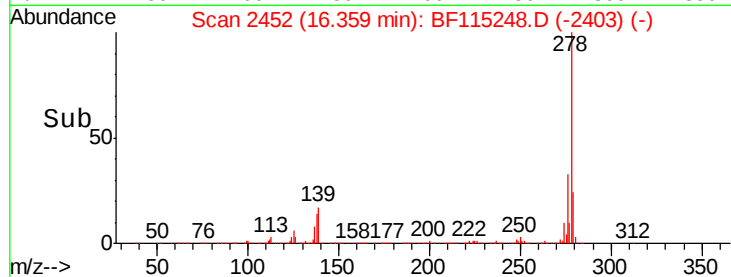
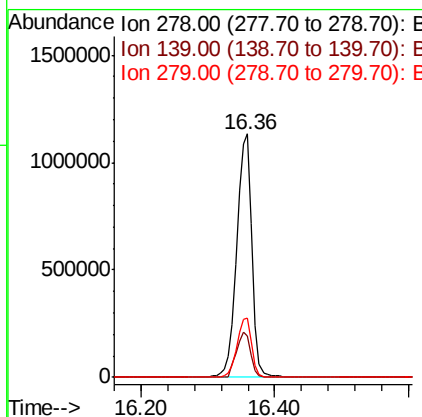
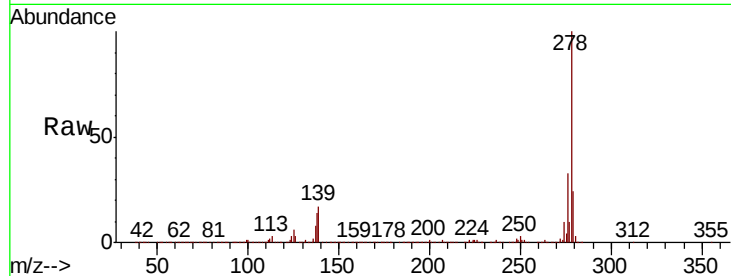
#91
Dibenzo(a,h)anthracene
Concen: 42.302 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion:278 Resp: 1814649
Ion Ratio Lower Upper
278 100
139 17.3 15.4 23.2
279 24.3 19.9 29.9

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#92
Benzo(g,h,i)perylene
Concen: 39.723 ng
RT: 16.72 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:276 Resp: 1724669
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 24.5 19.8 29.6

